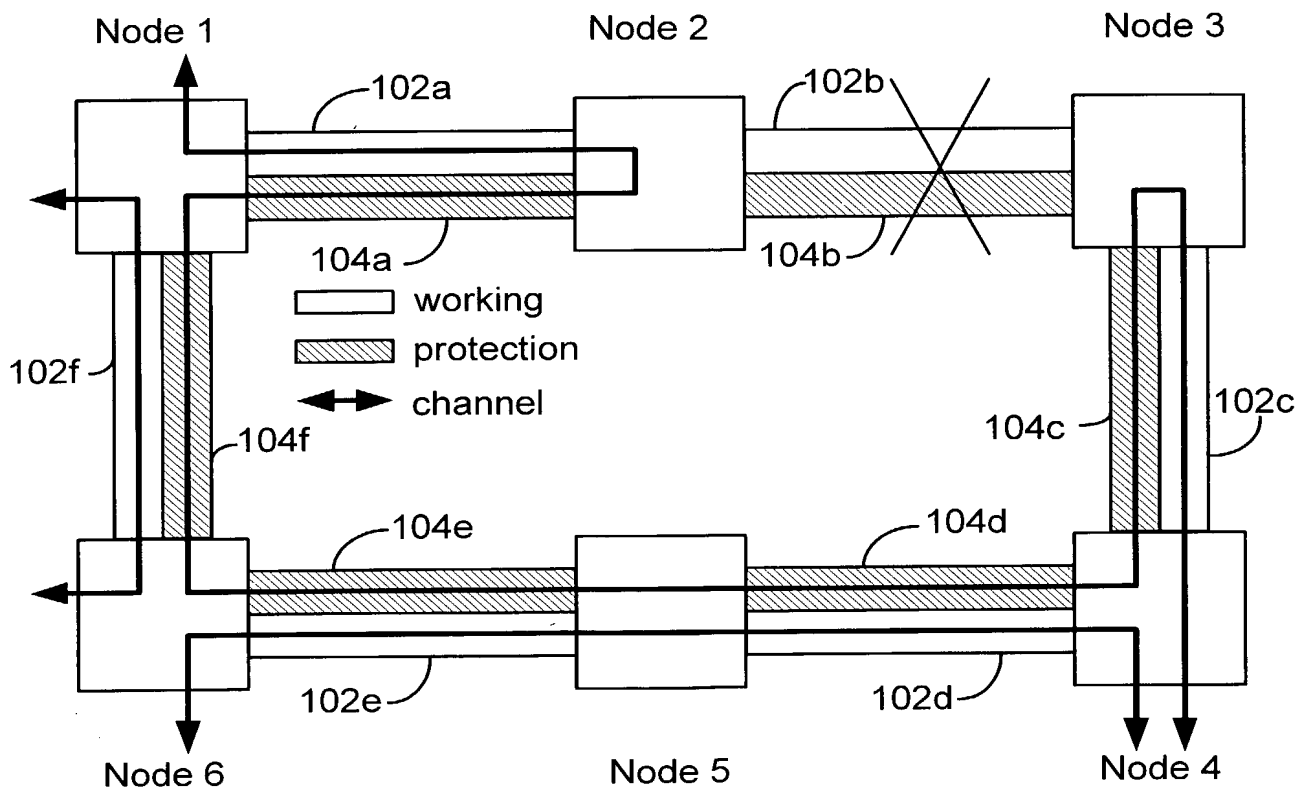
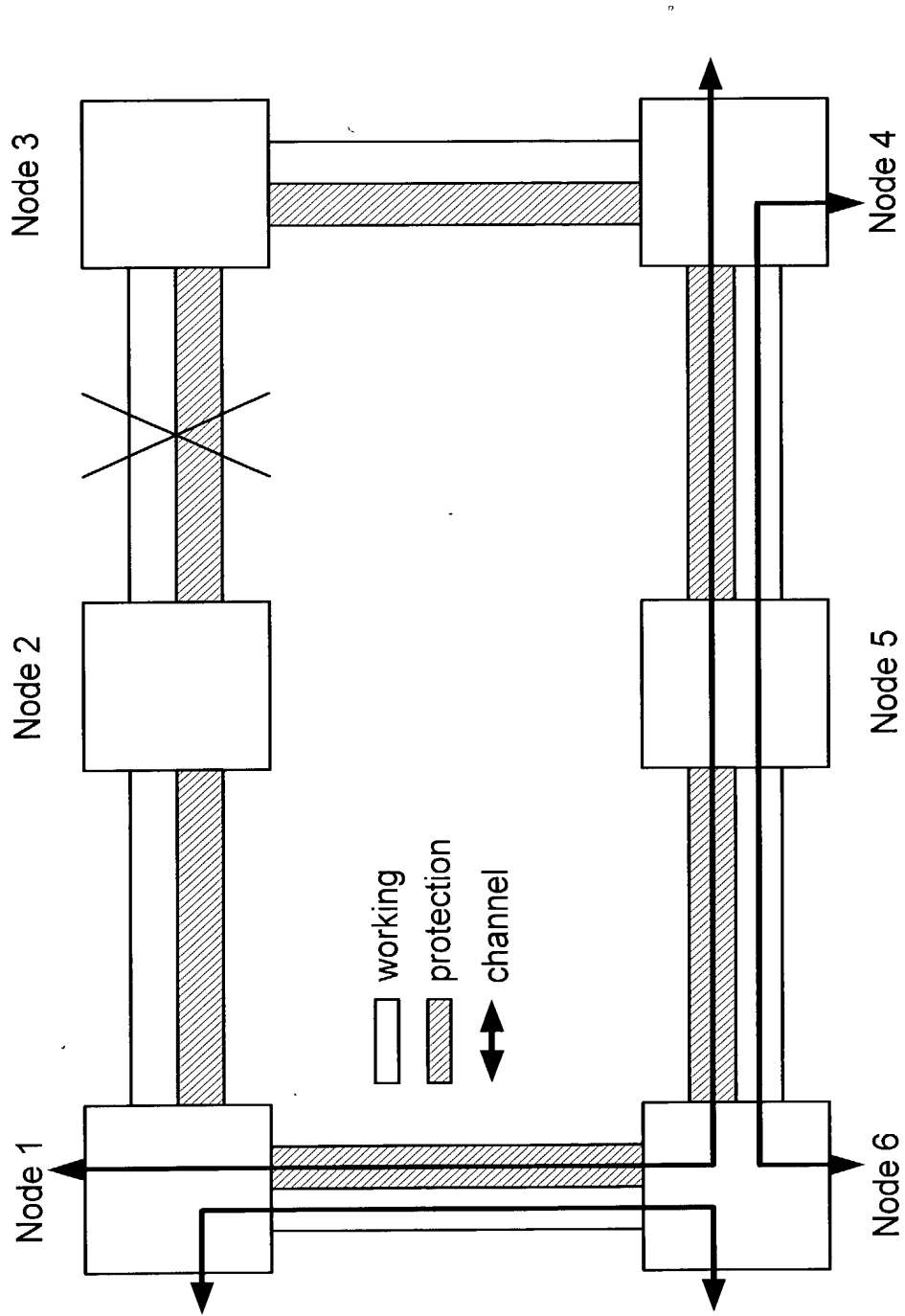


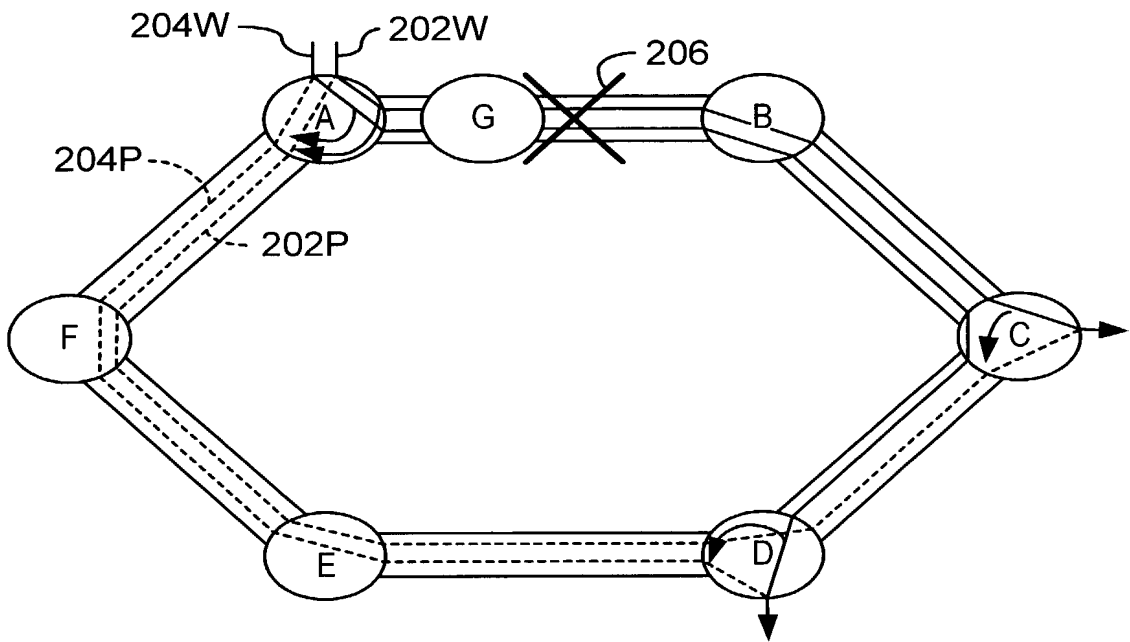
**FIG. 1.**



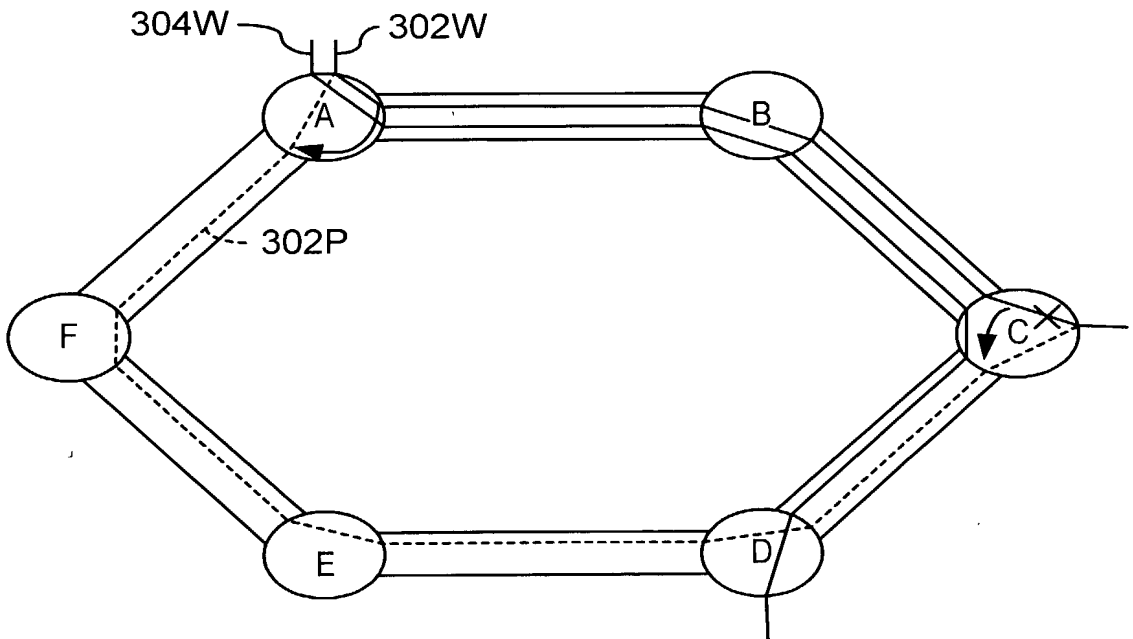
**FIG. 2.**



**FIG. 3.**



**FIG. 4.**

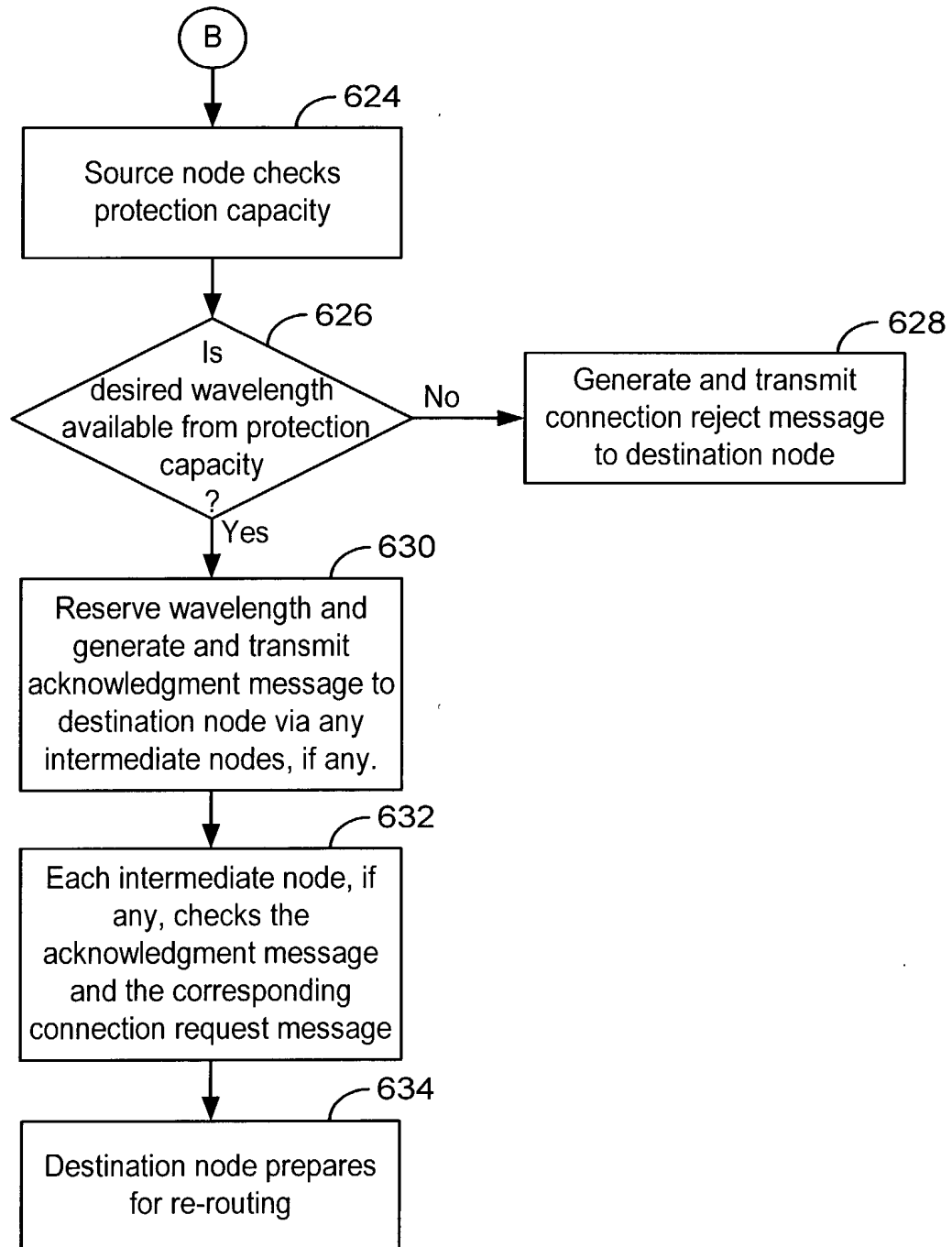


**FIG. 5.**





**FIG. 6A.**

**FIG. 6B.**

Con request	Source node id	Dest node id	Wavelength	Failure type	Priority
-------------	----------------	--------------	------------	--------------	----------

FIG. 7.

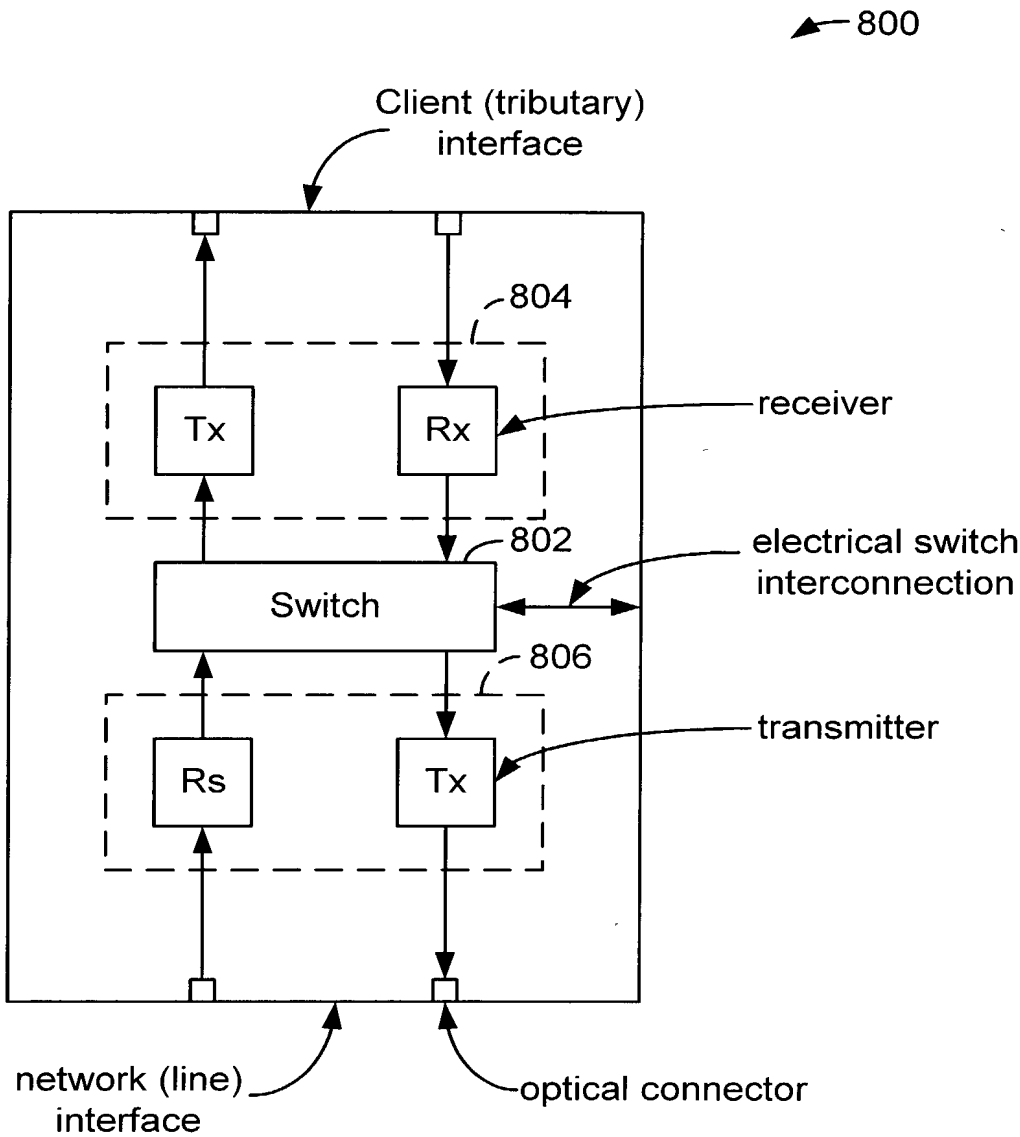


FIG. 8.

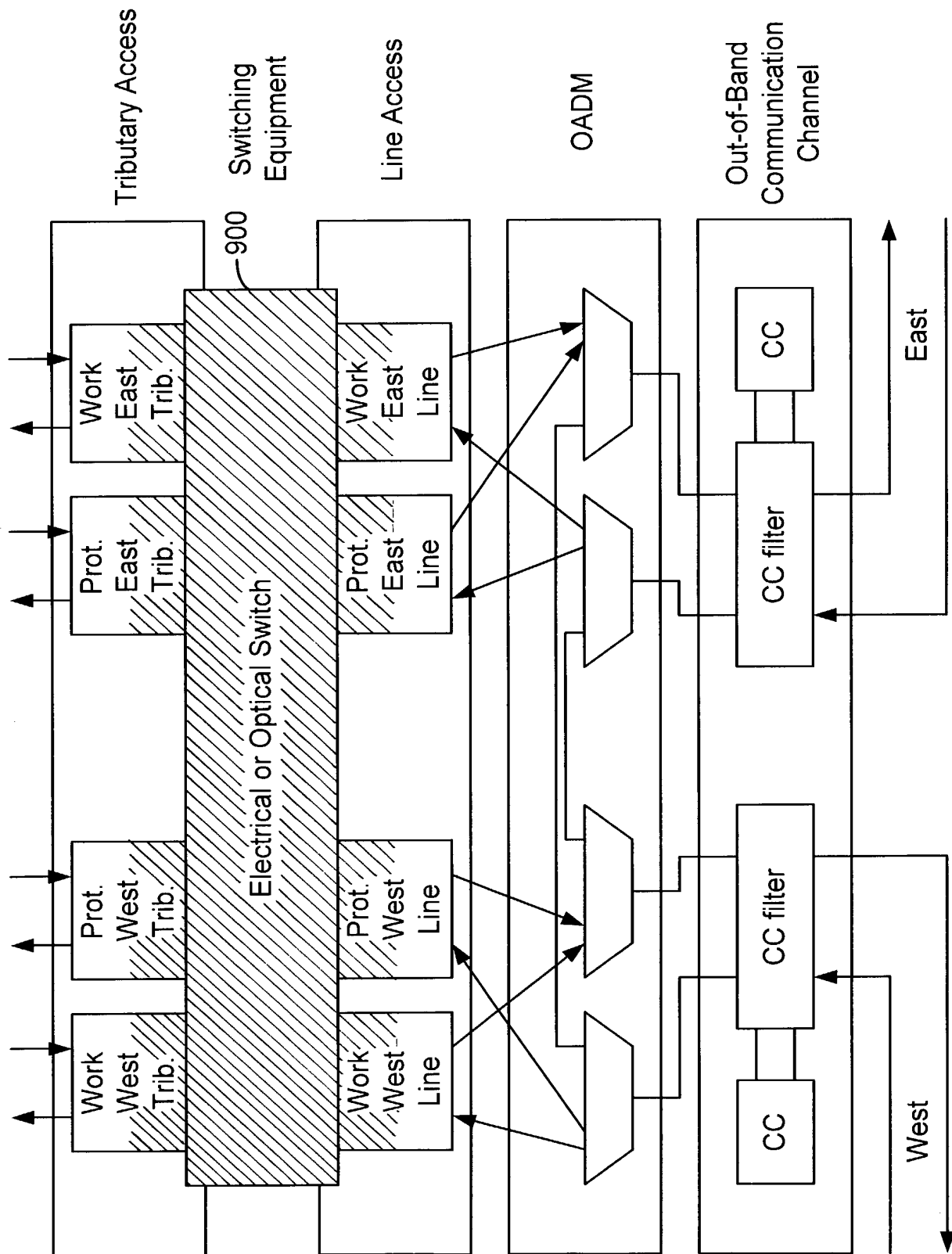
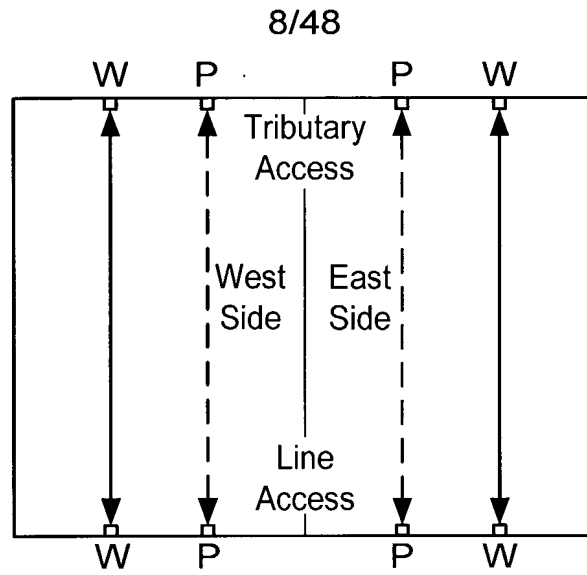


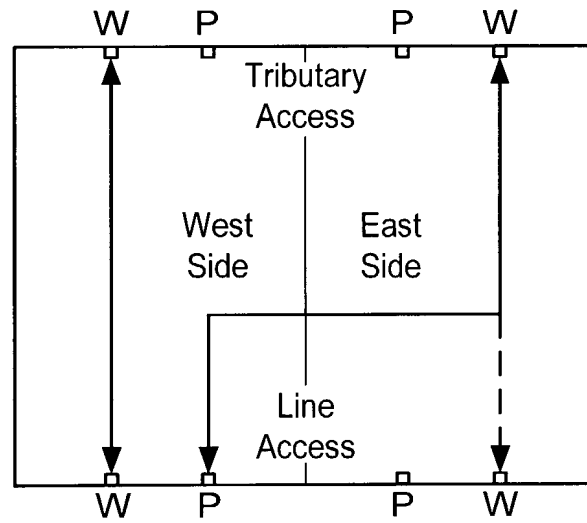
FIG. 9.



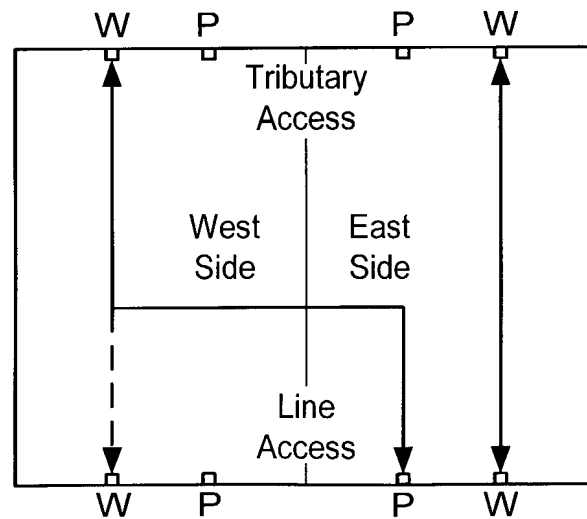
**FIG. 10.**



**FIG. 11.**



**FIG. 12.**

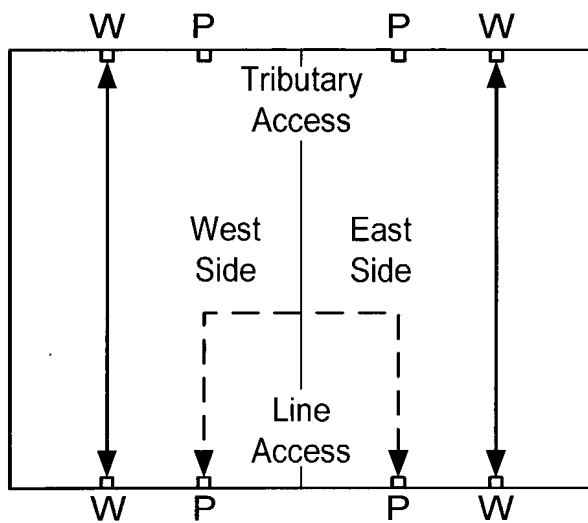




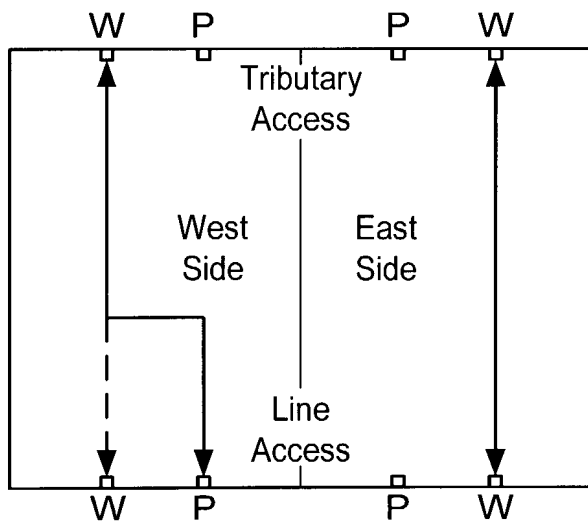
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**FIG. 13.**

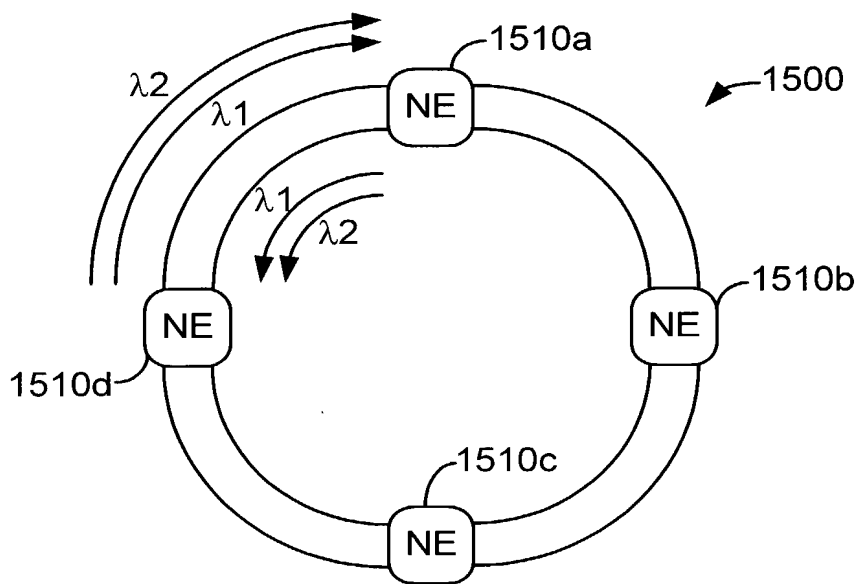


**FIG. 14.**

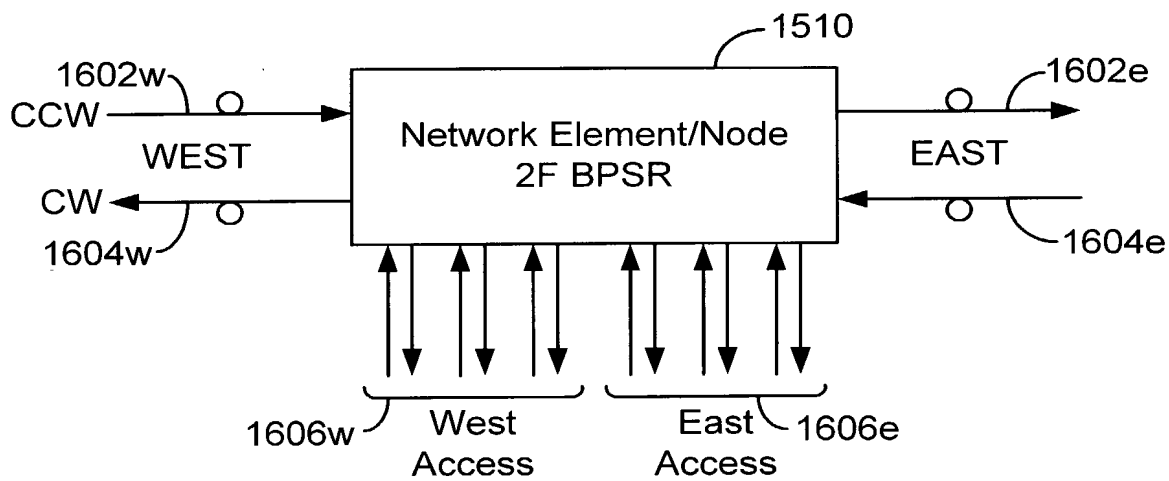


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**FIG. 15.**



**FIG. 16.**

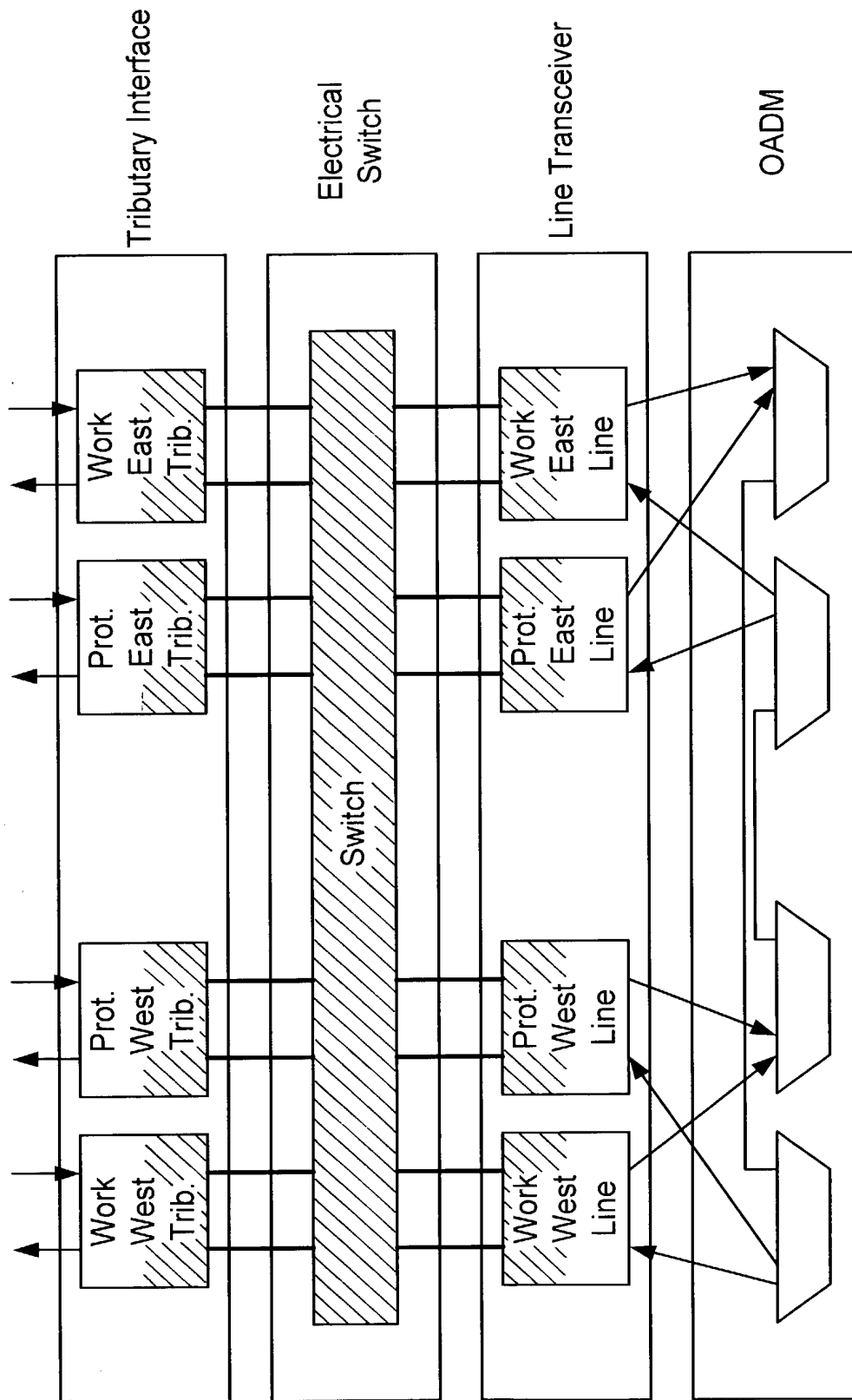


FIG. 17.

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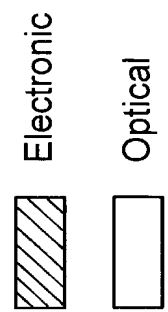
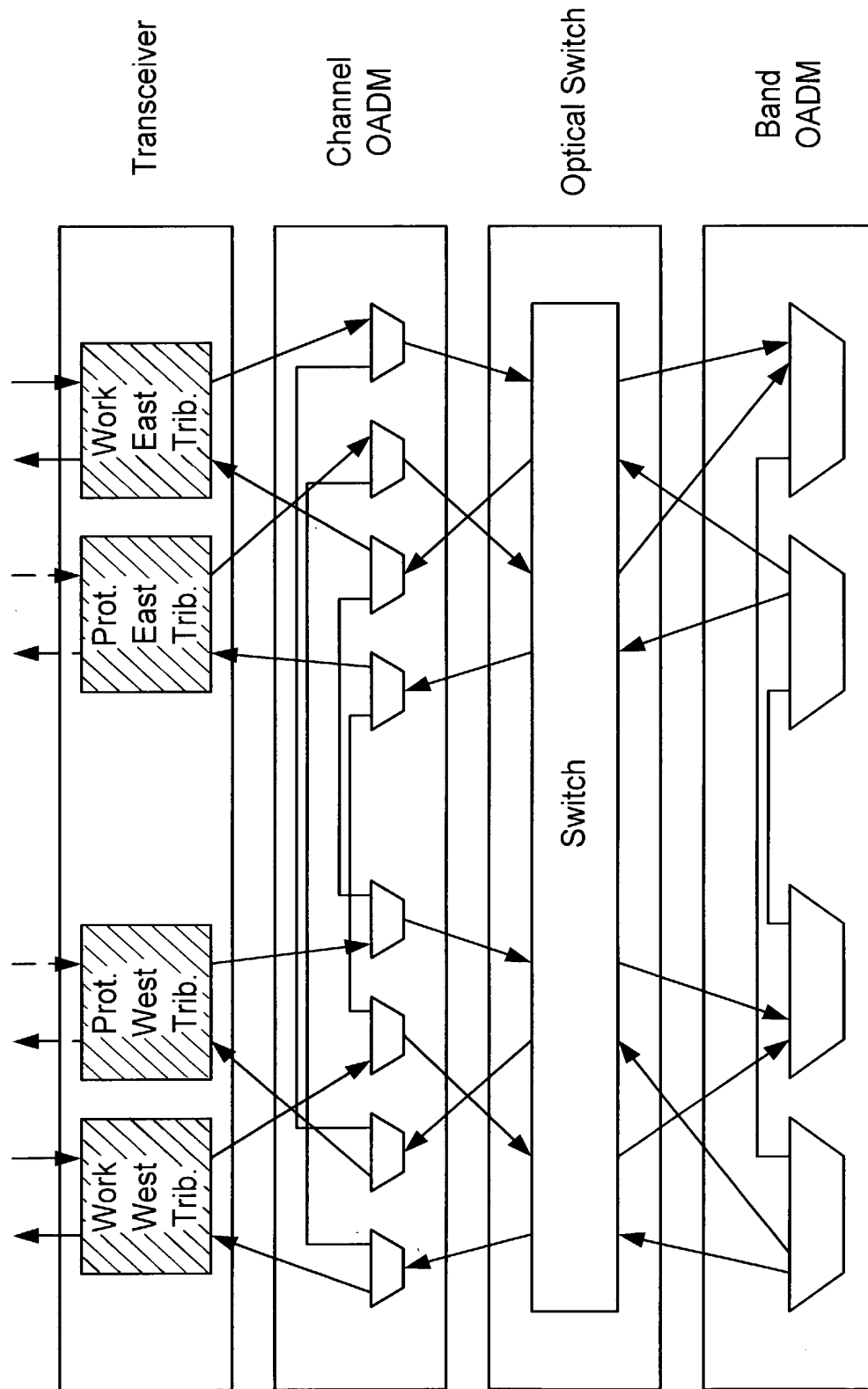
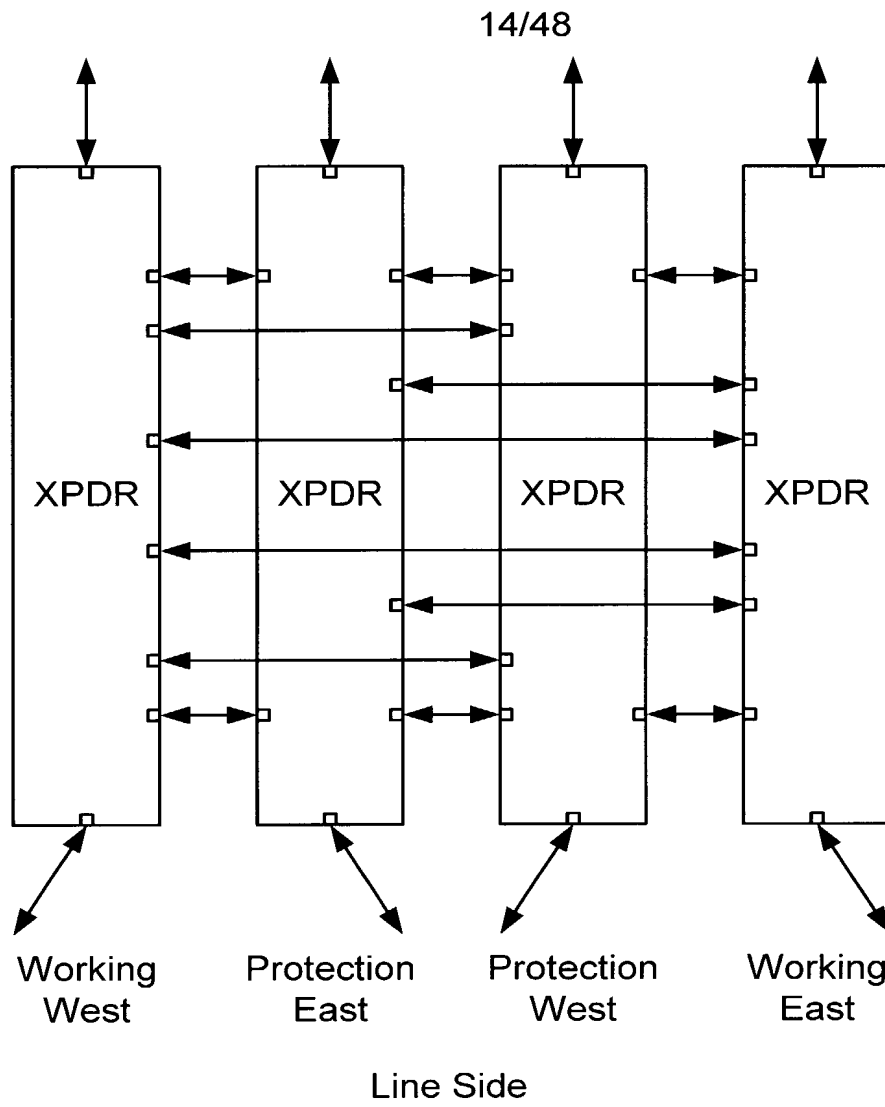


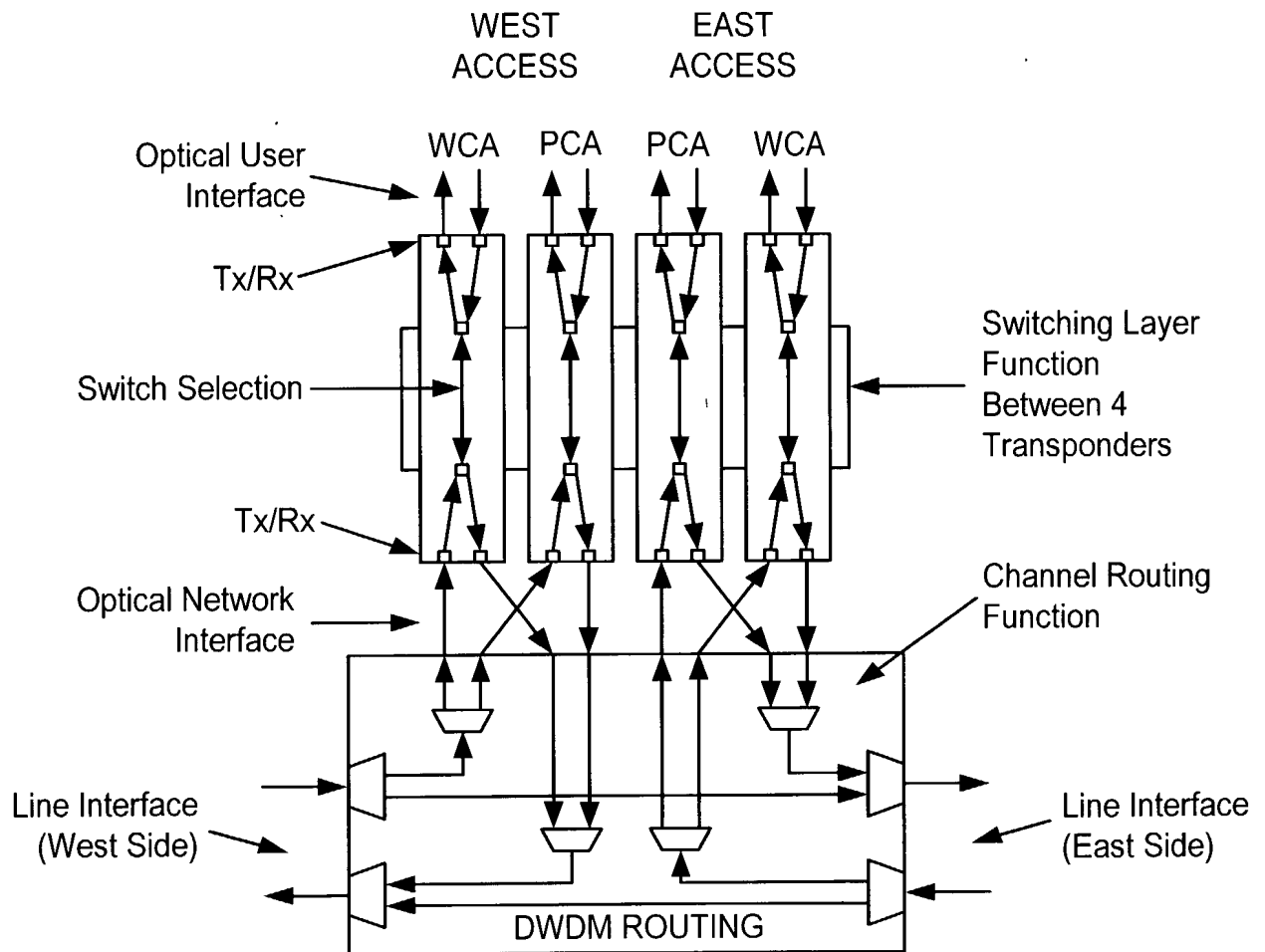
FIG. 18.

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**FIG. 20.**



**FIG. 21.**





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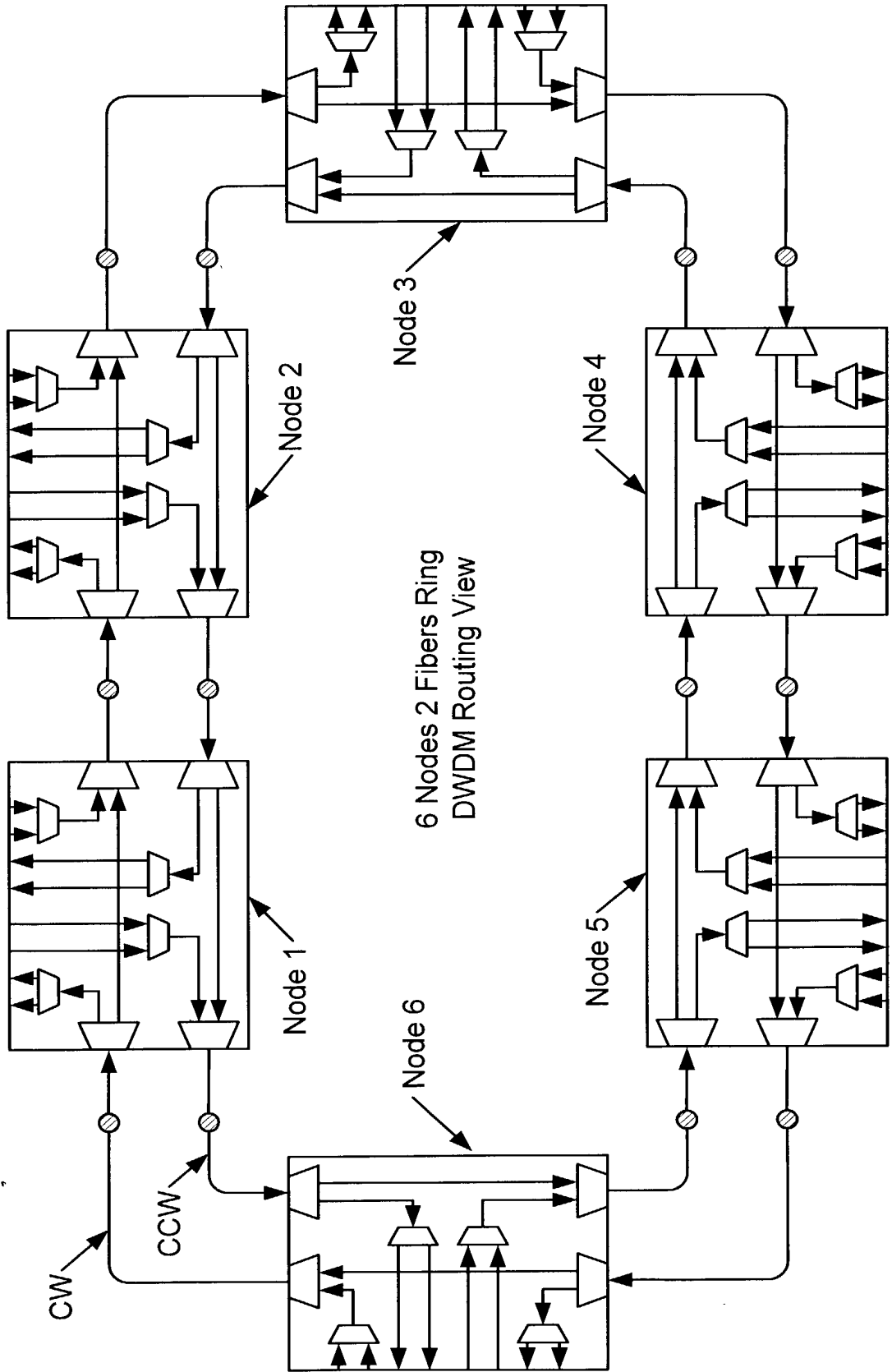


FIG. 22.





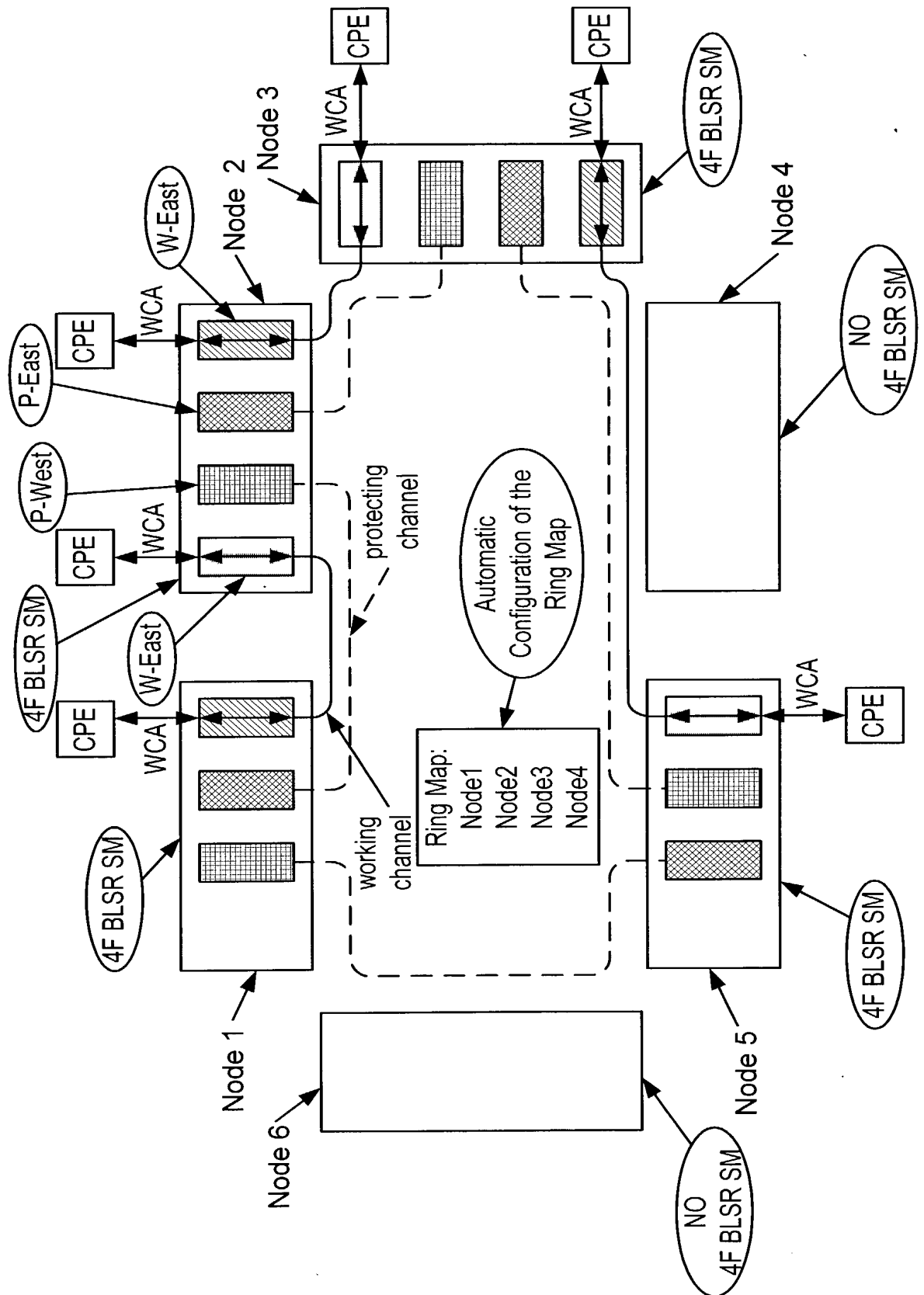
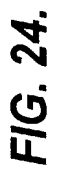


FIG. 23.



**FIG. 24.**

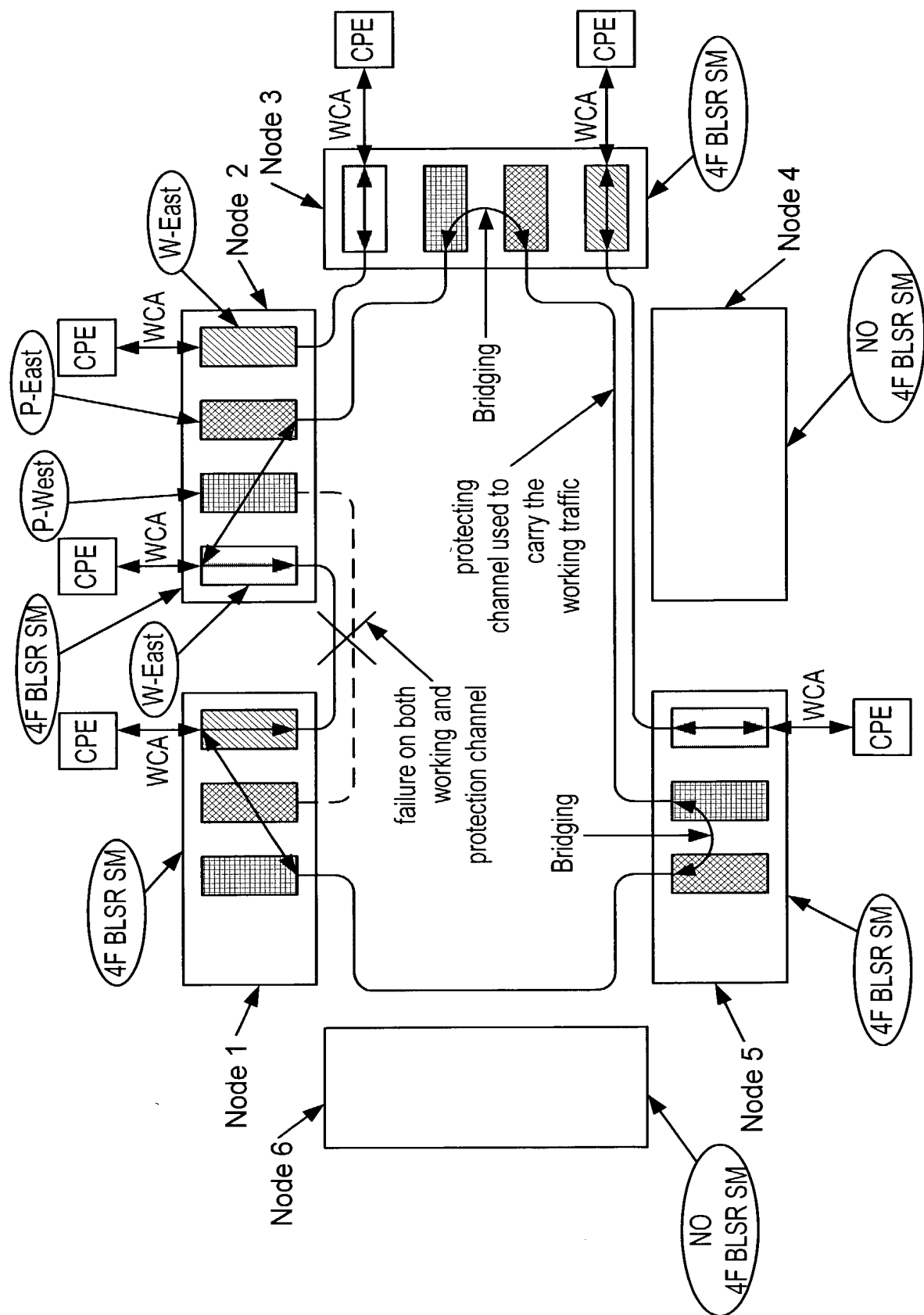


FIG. 25.

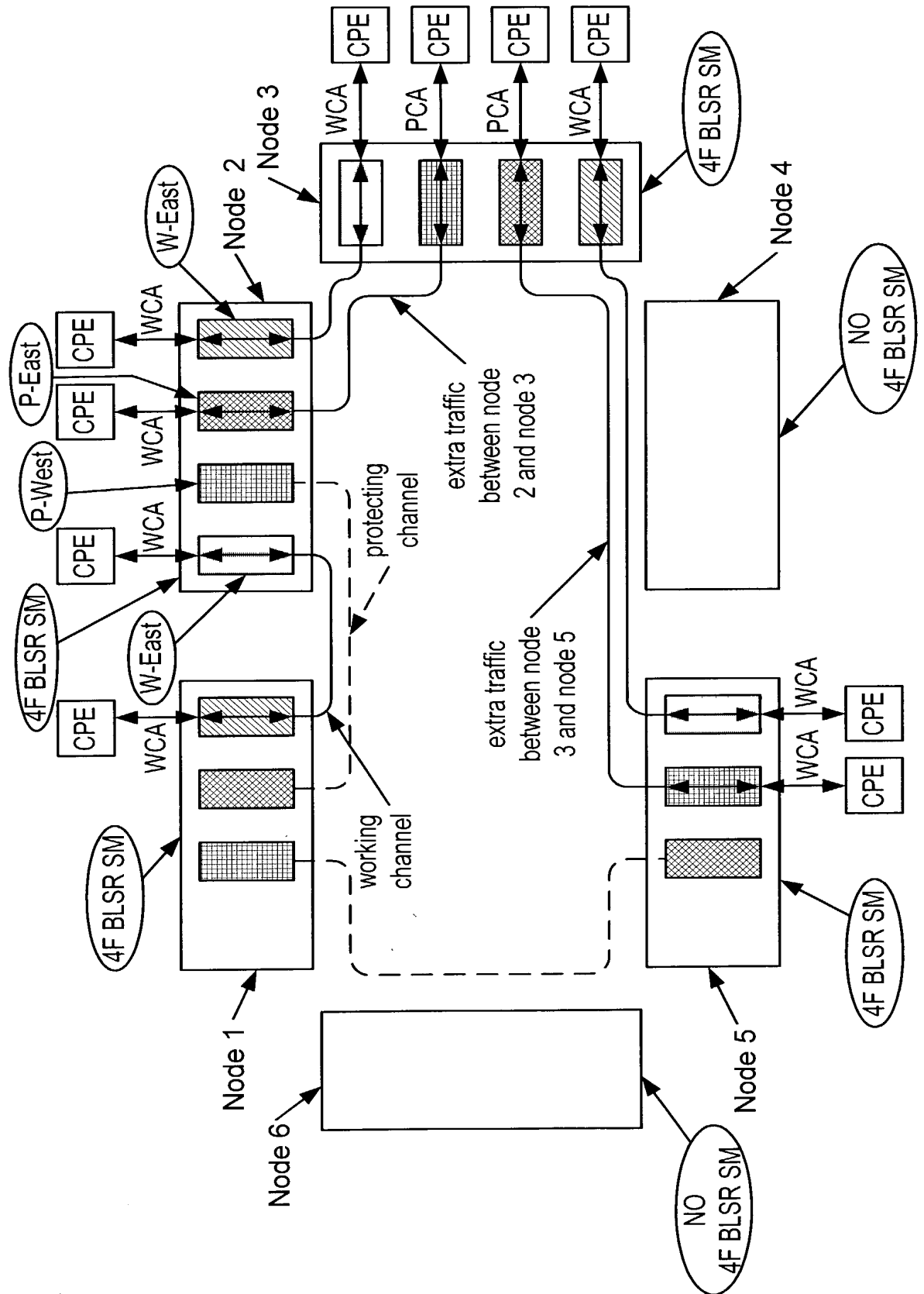


FIG. 26.



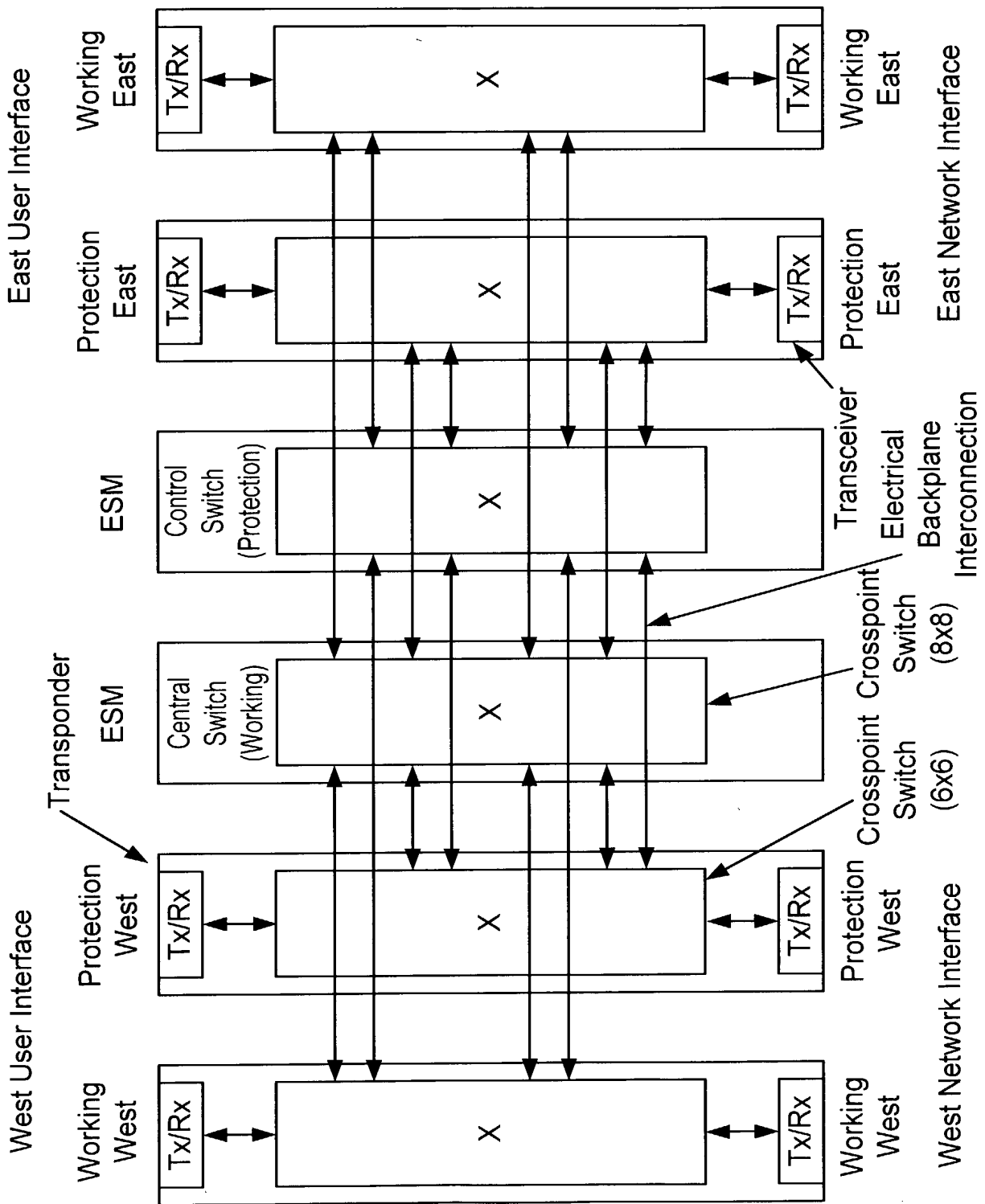
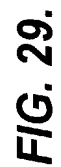


FIG. 28.



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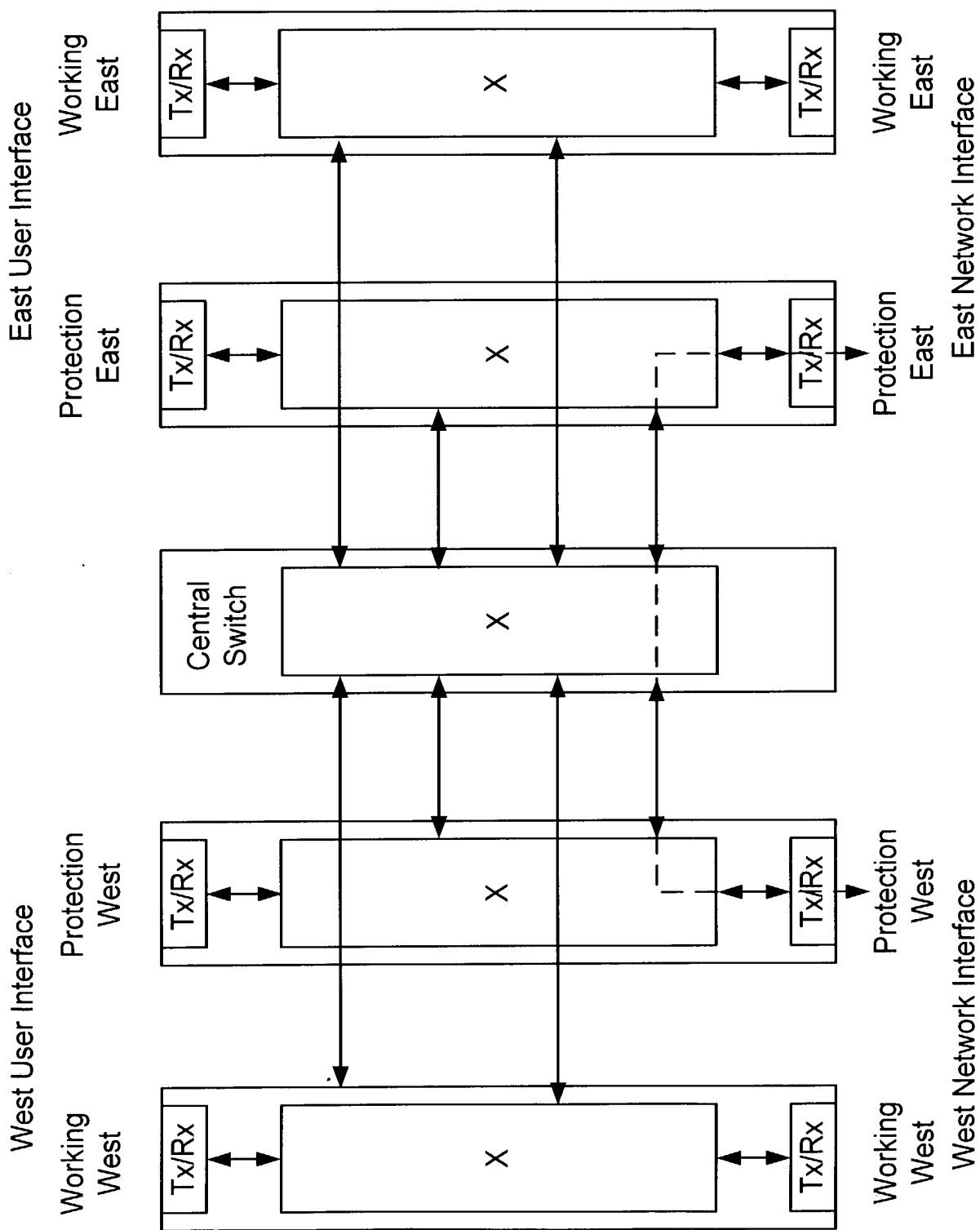


FIG. 30.

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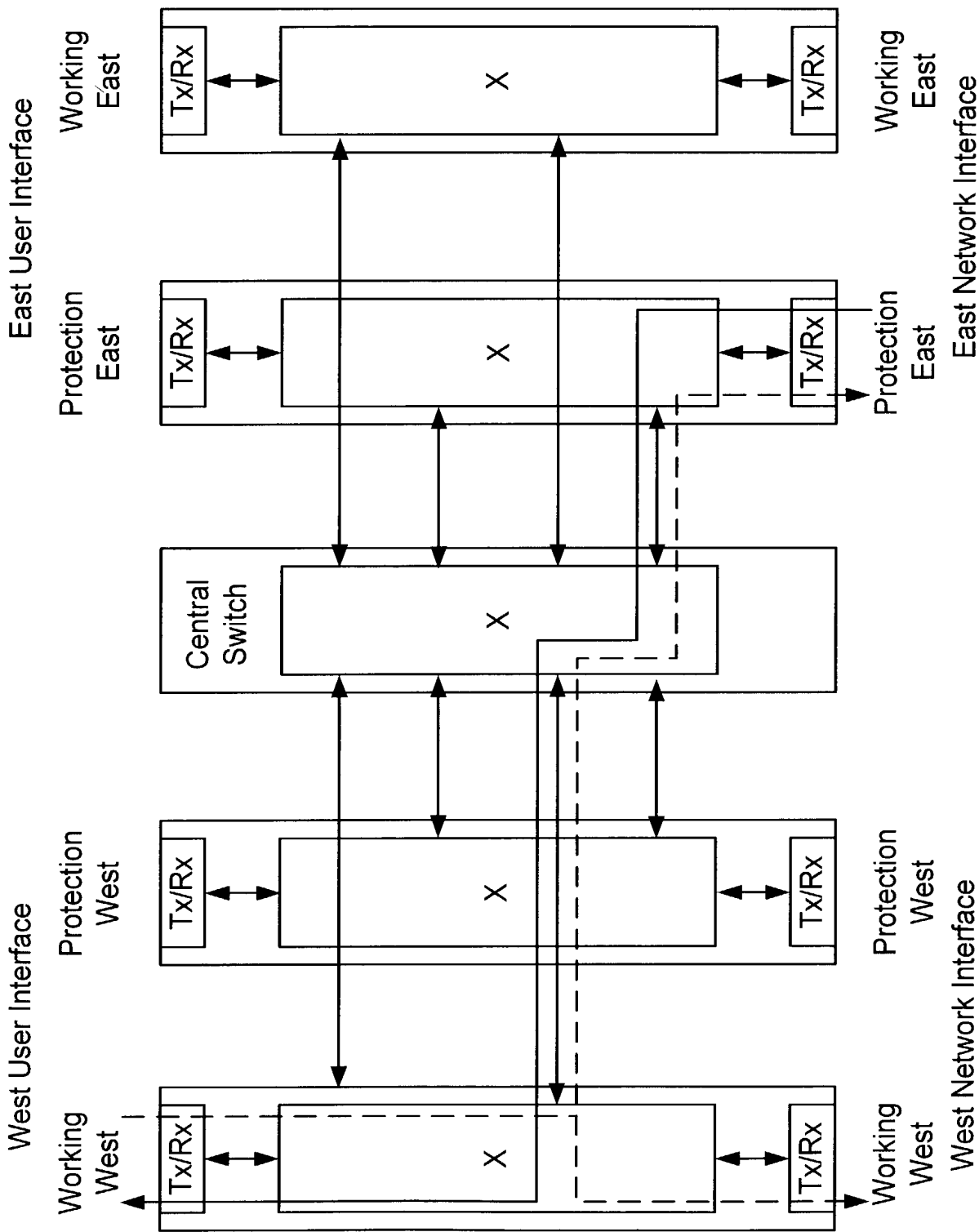


FIG. 31.

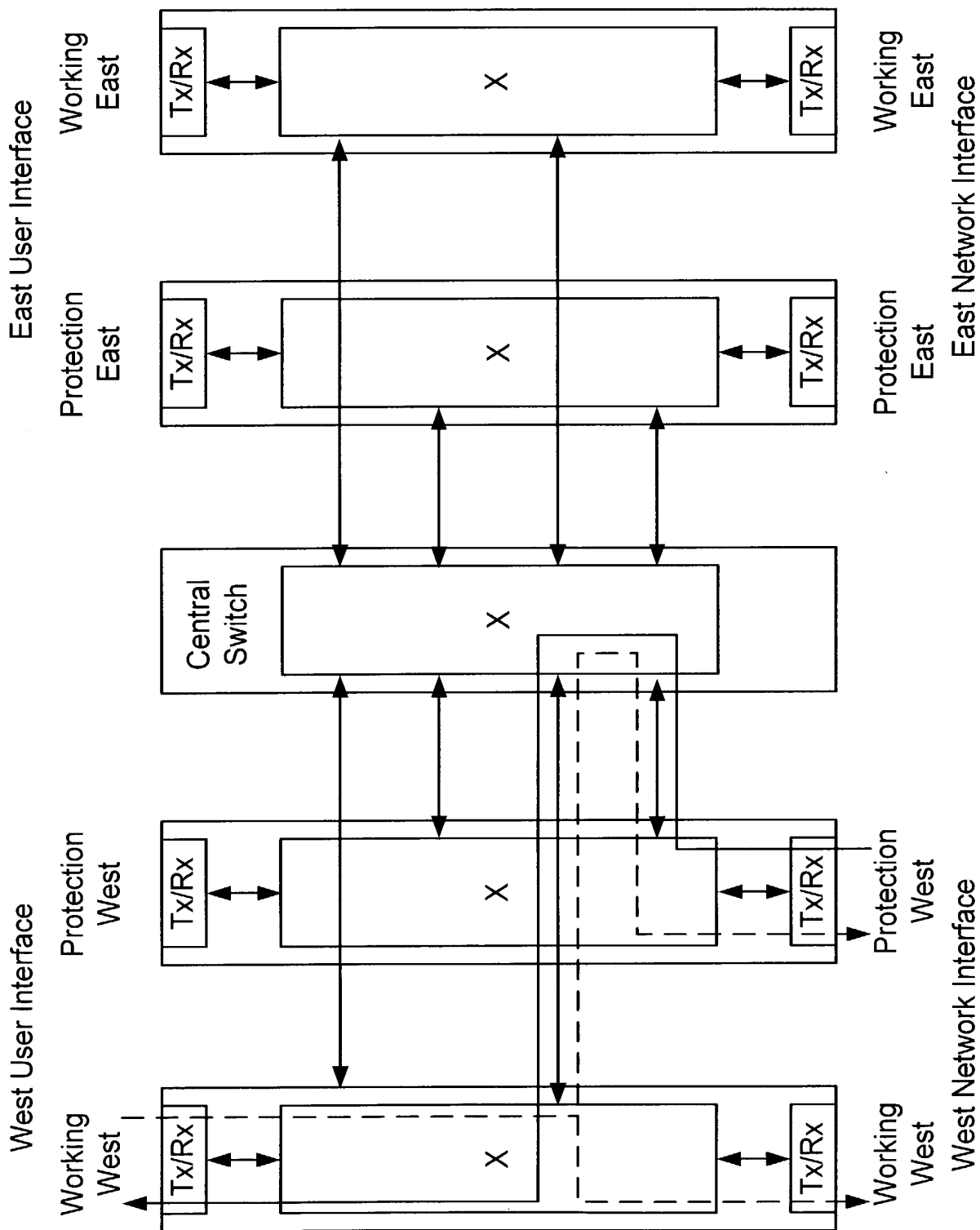
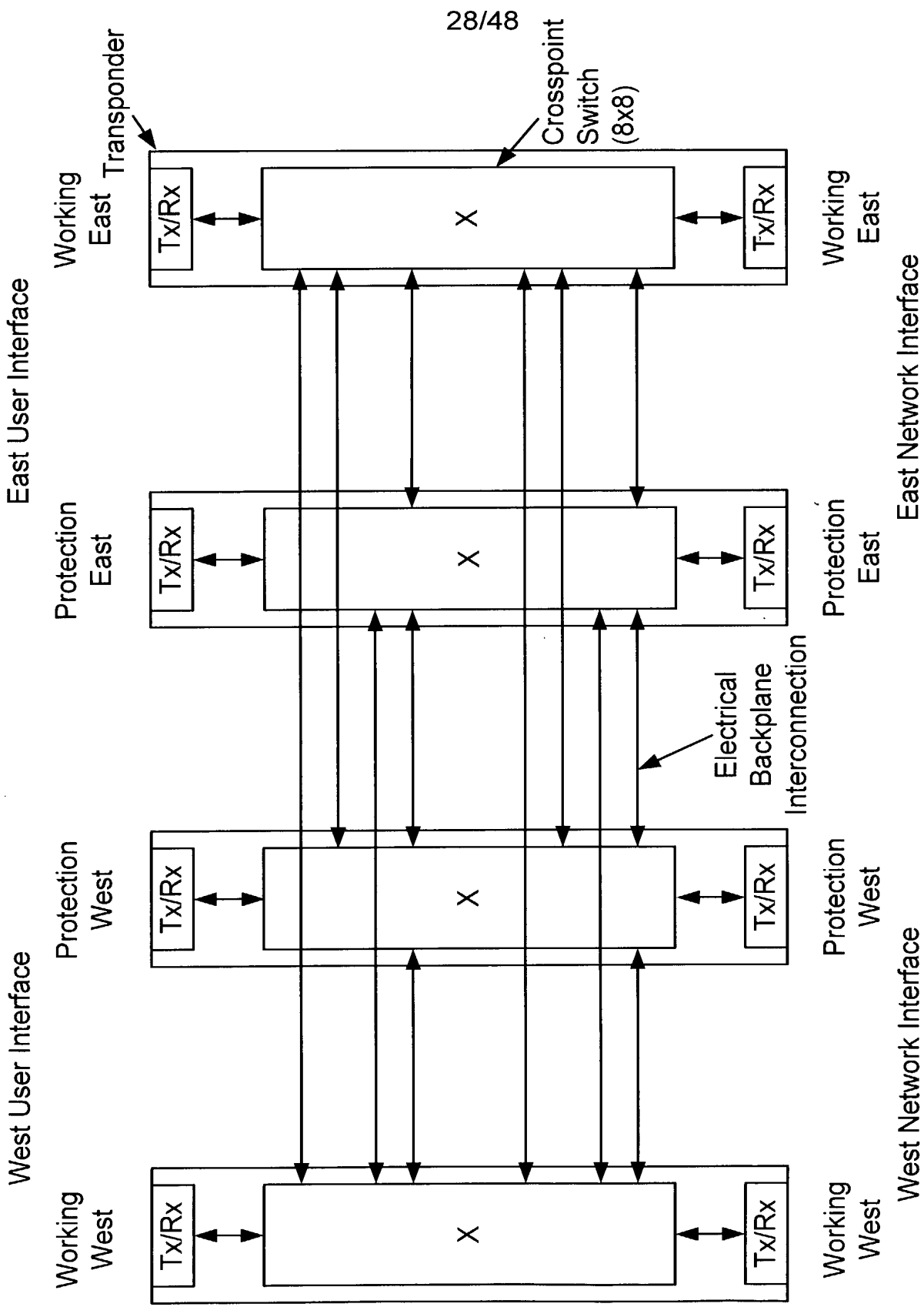


FIG. 32.



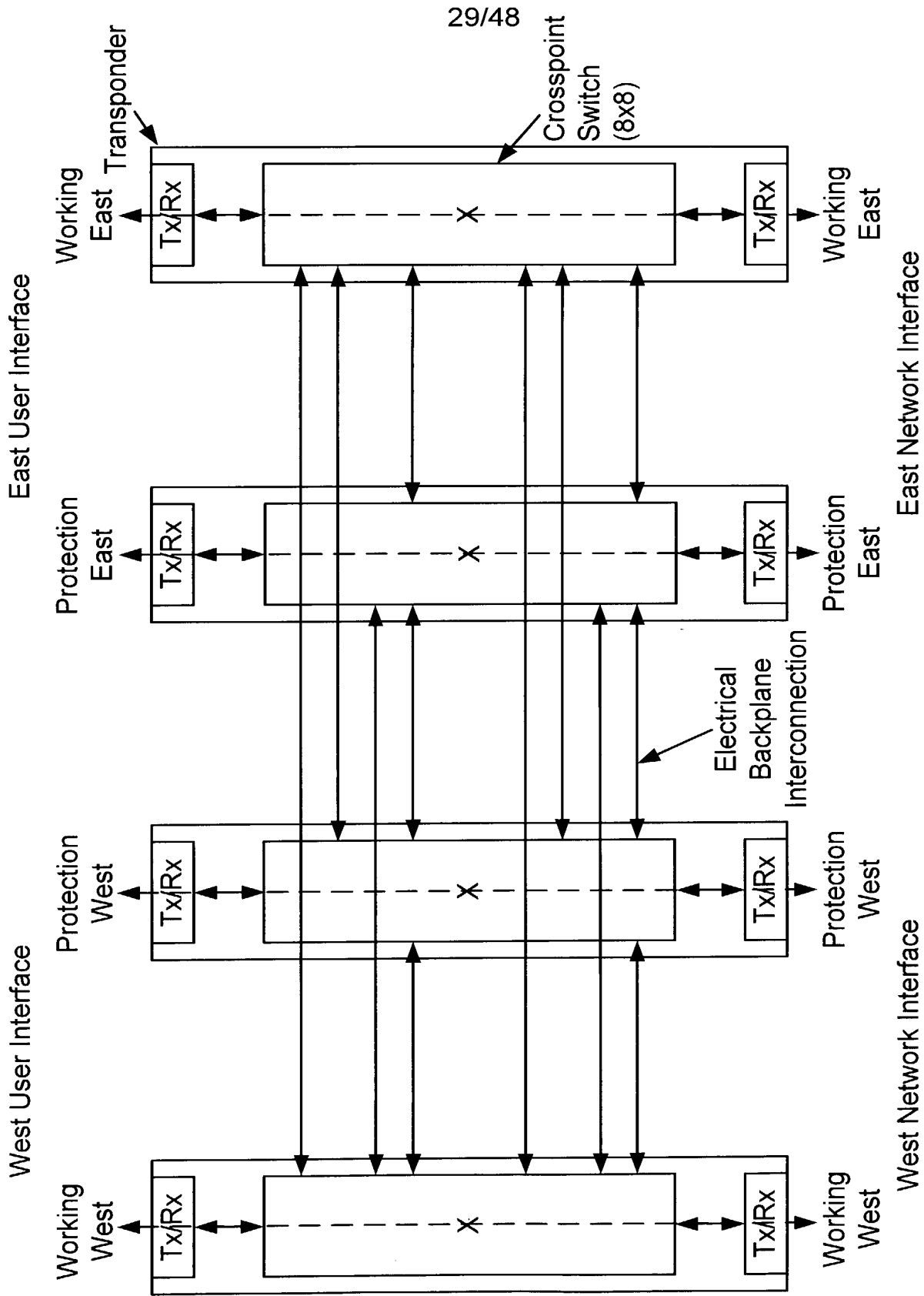
**FIG. 33.**

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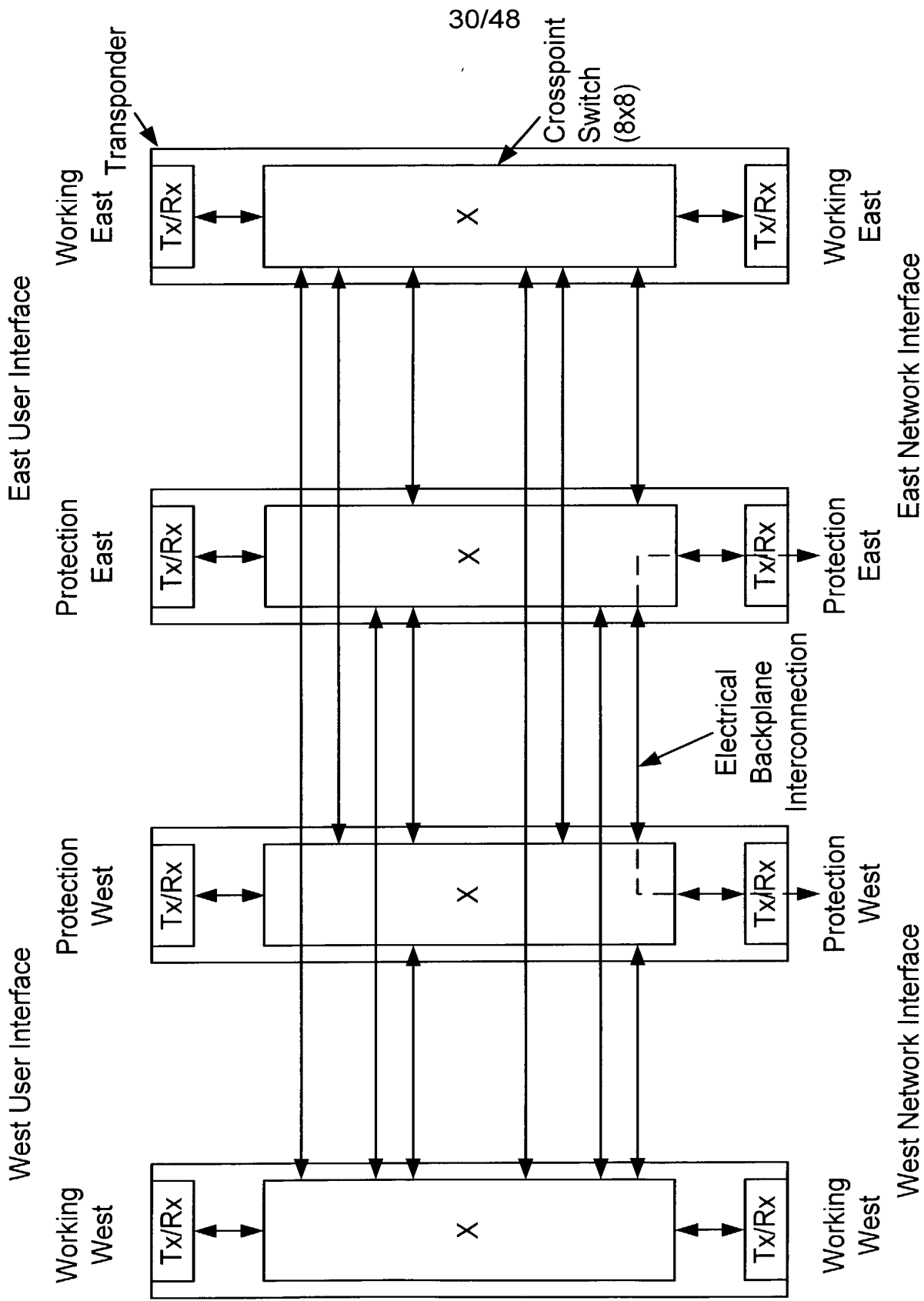
**FIG. 34.**

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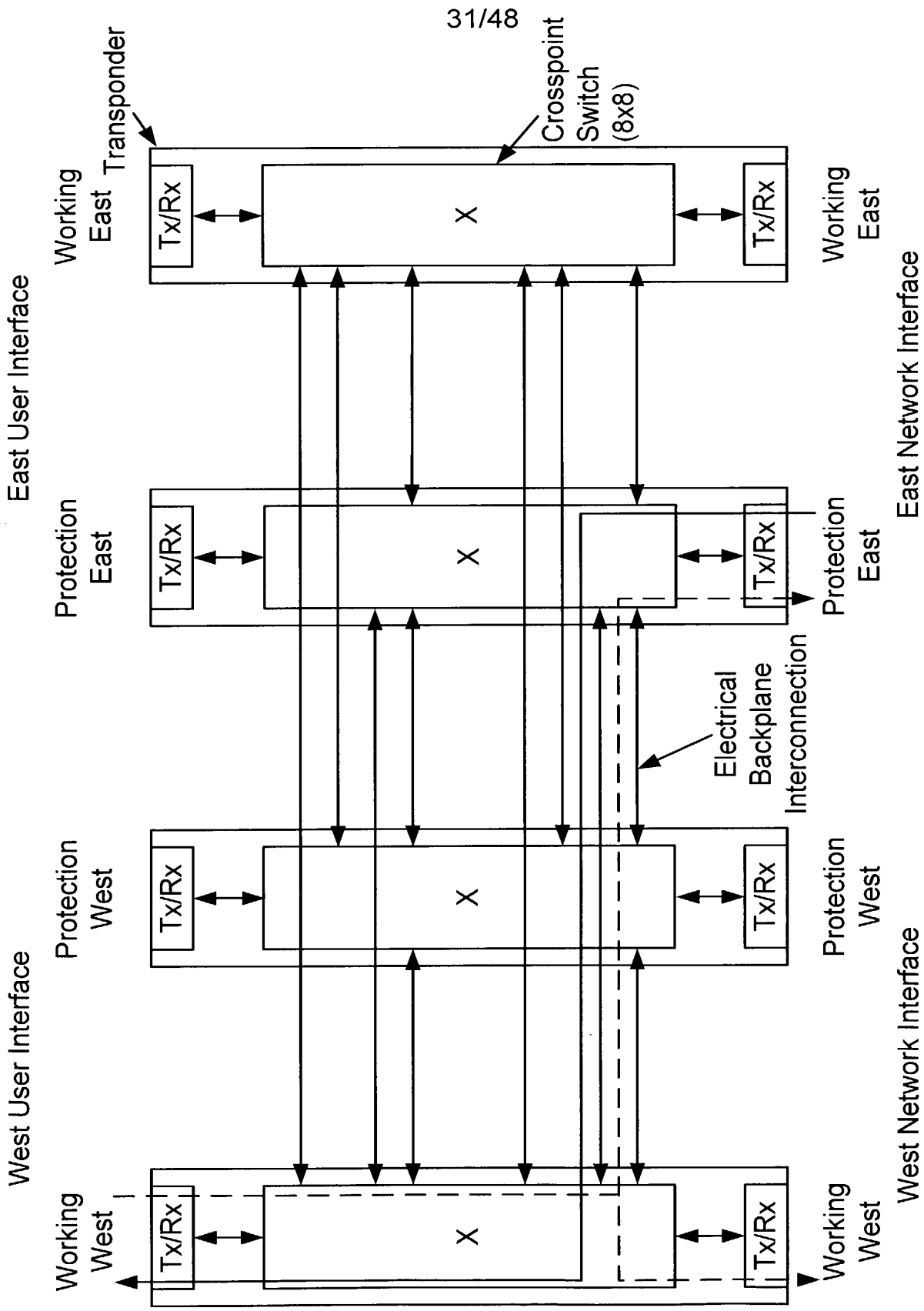
+



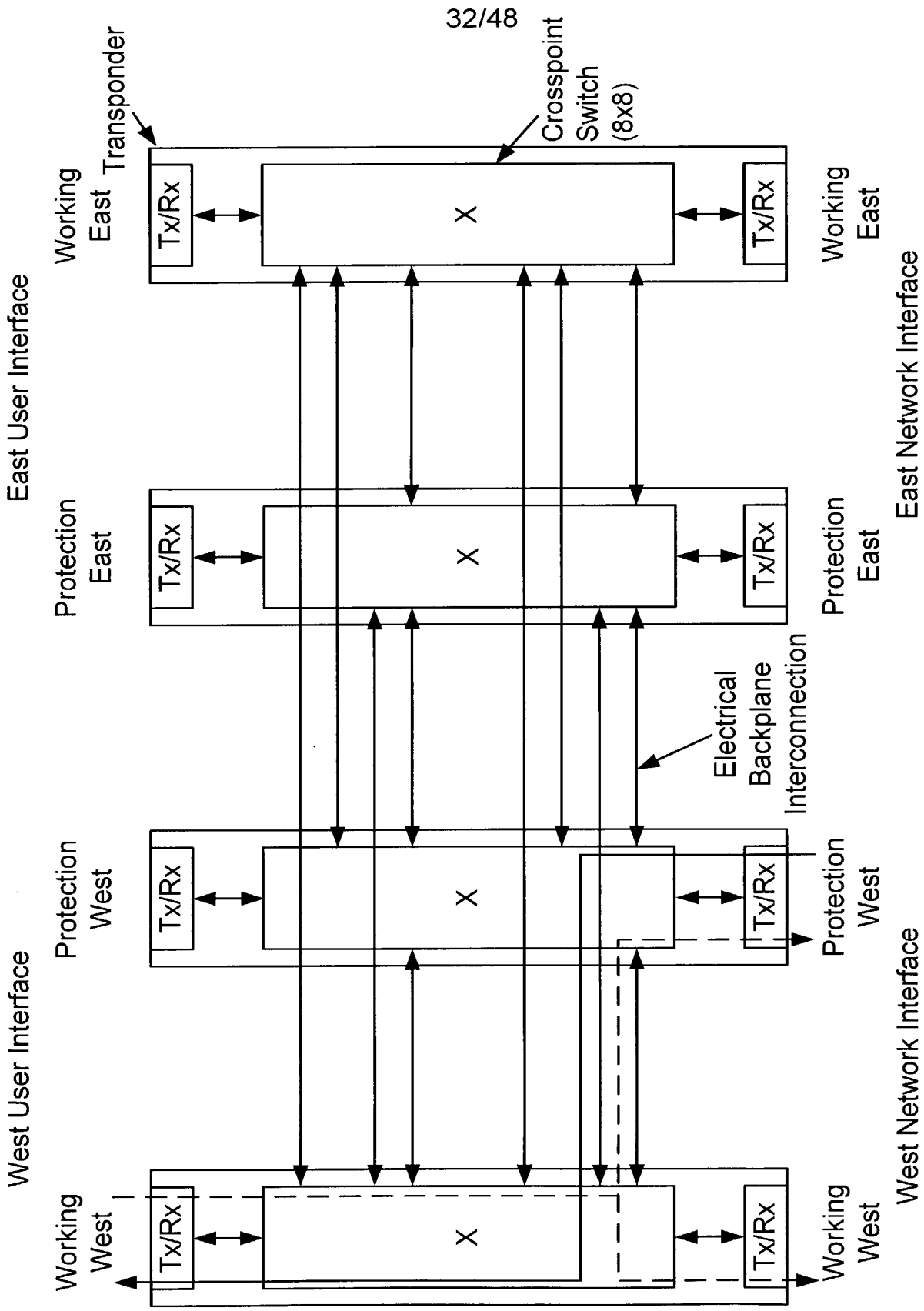
**FIG. 35.**



**FIG. 36.**



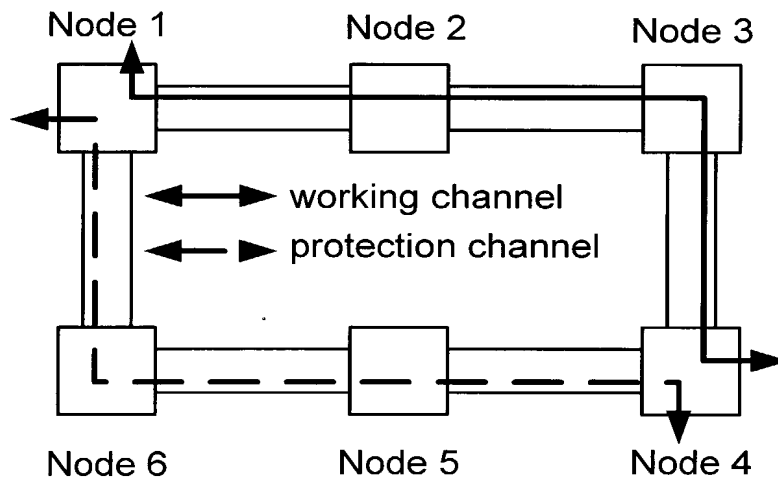
**FIG. 37.**



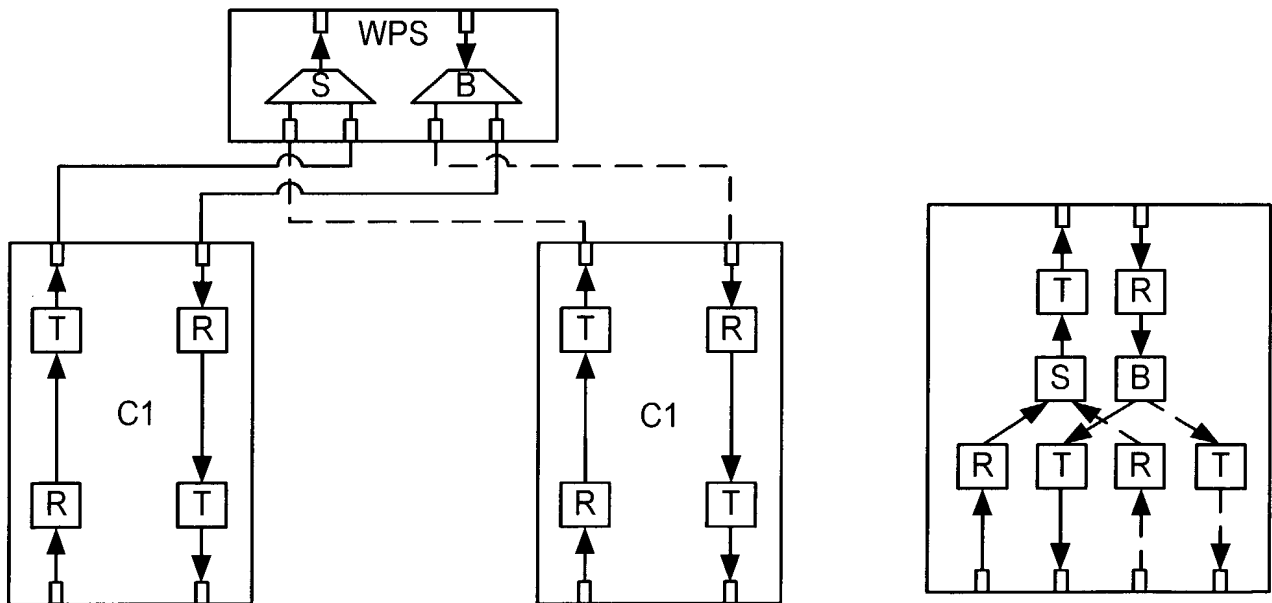
**FIG. 38.**



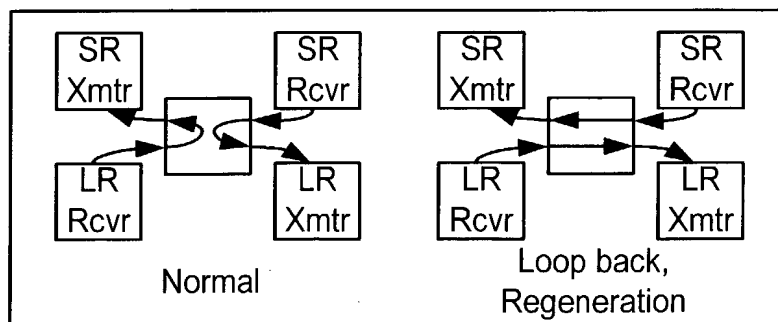
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**FIG. 39.**



**FIG. 40.**



**FIG. 41.**

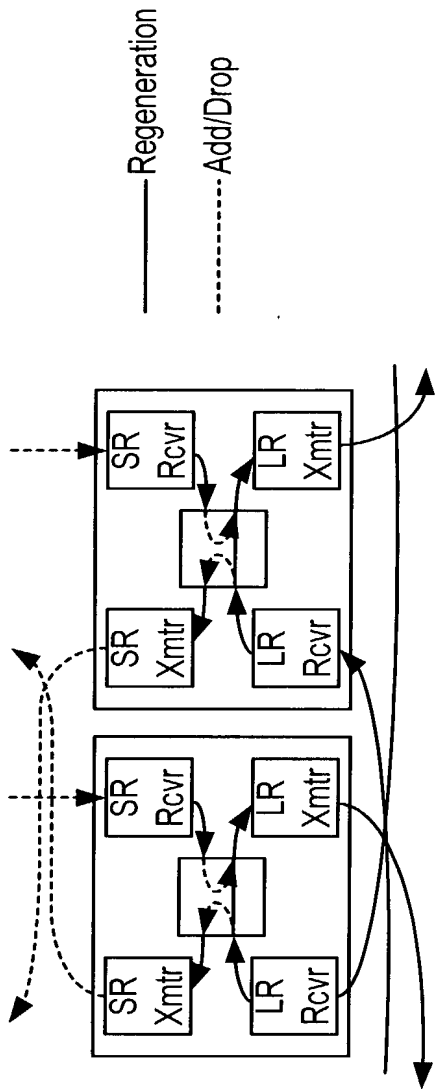


FIG. 42.

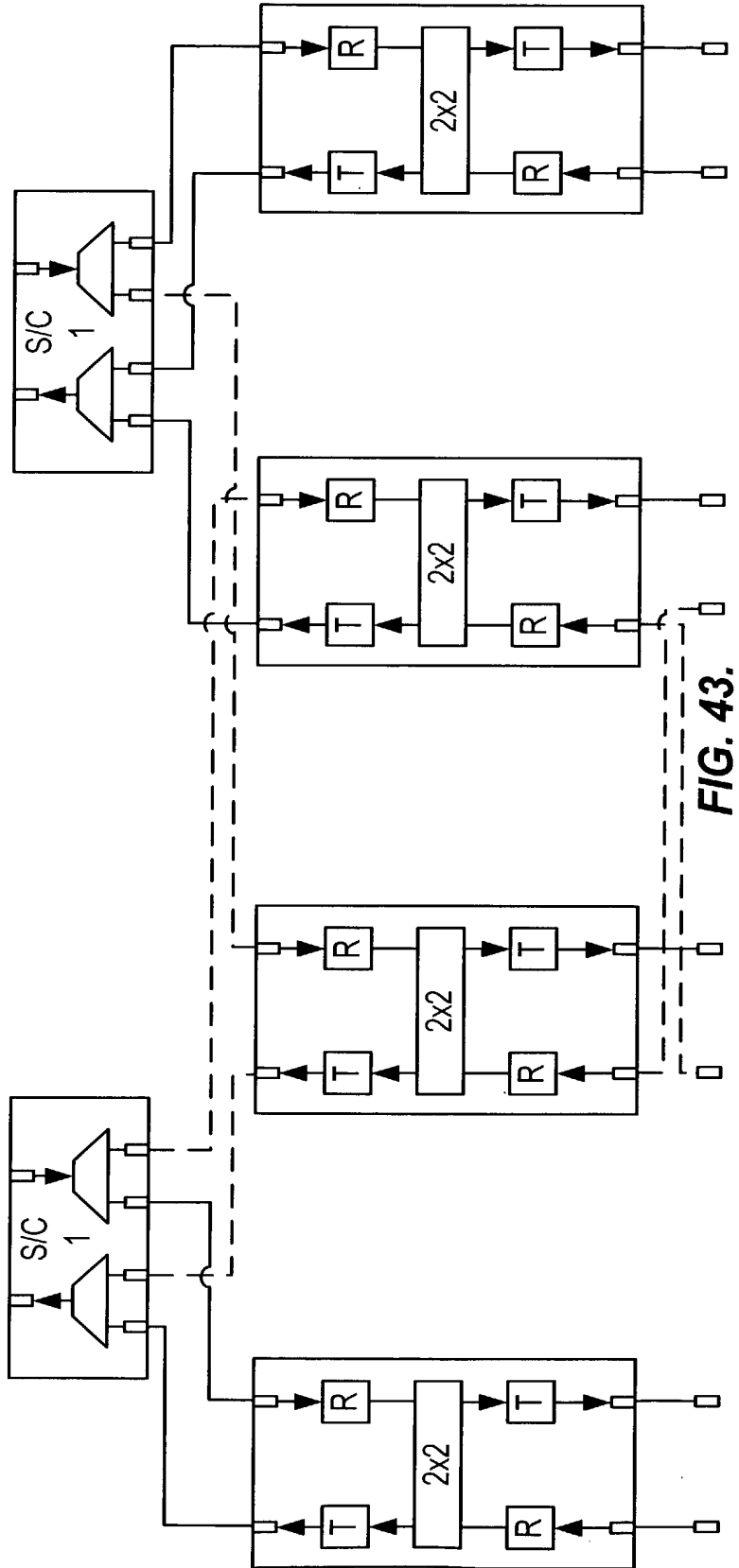


FIG. 43.

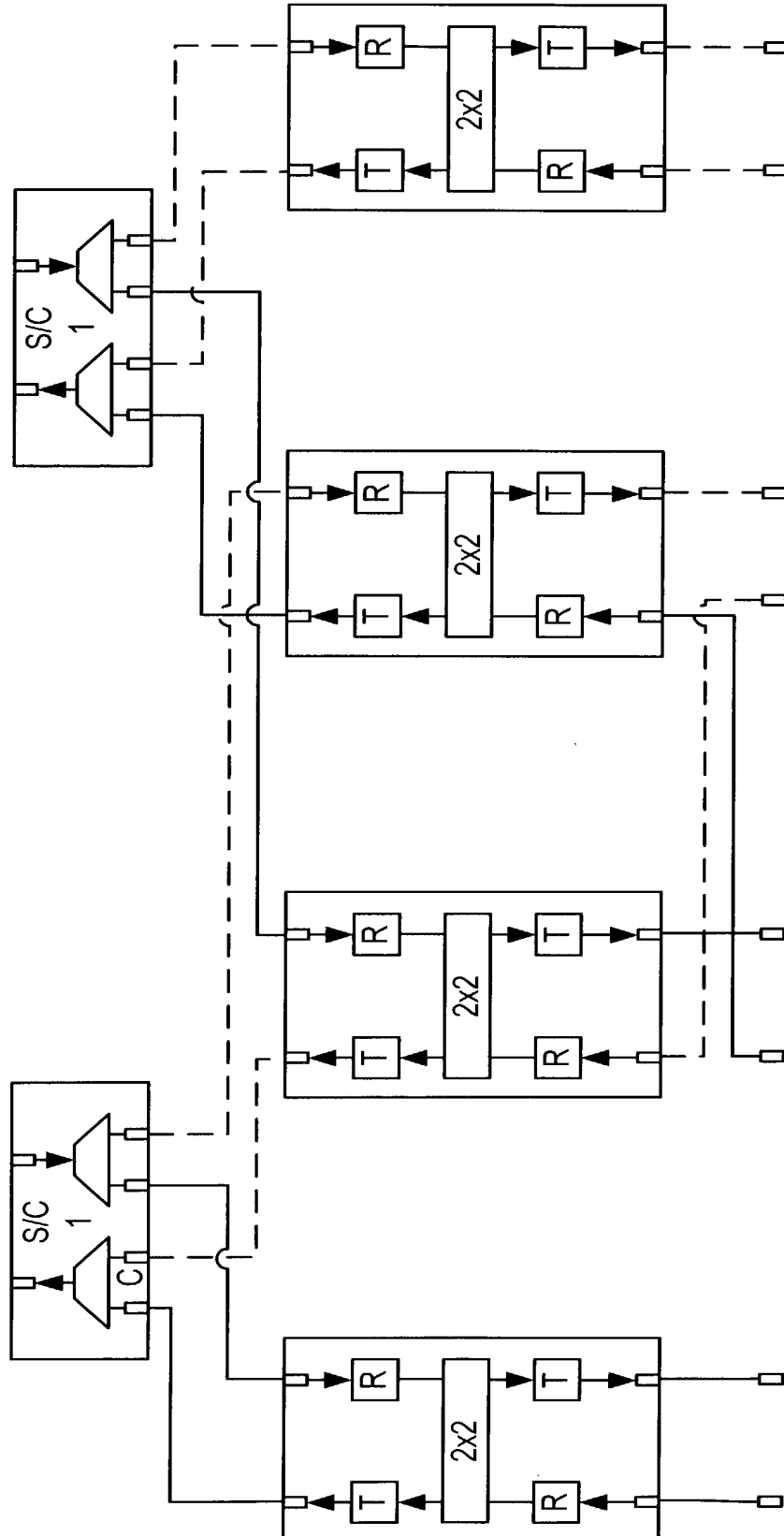
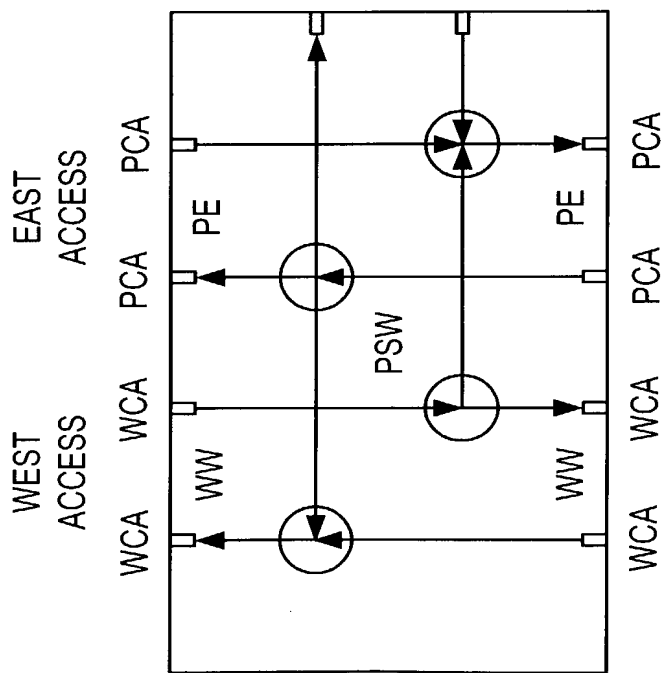


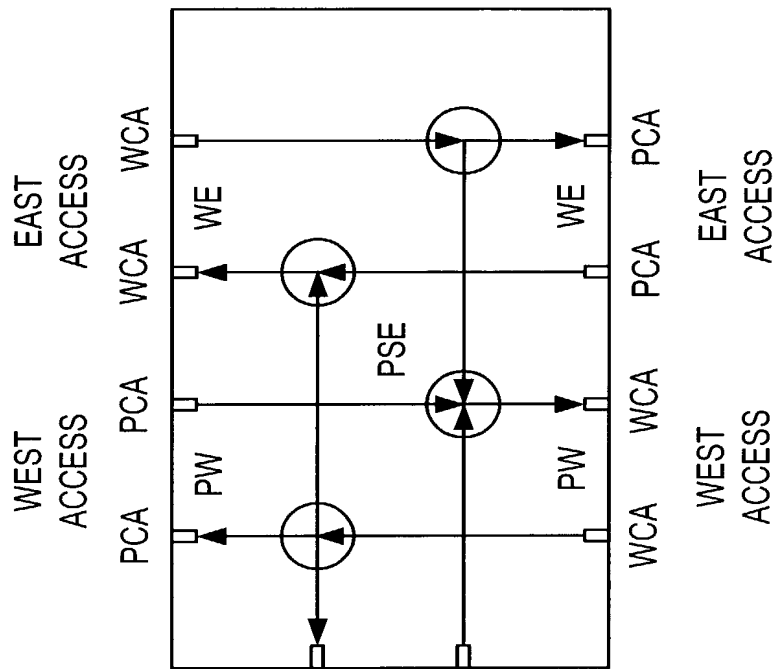
FIG. 44.

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To/From Equipment Interface

Passthrough  
Interconnection

To/From Equipment Interface



To/From Network Interface

To/From Network Interface

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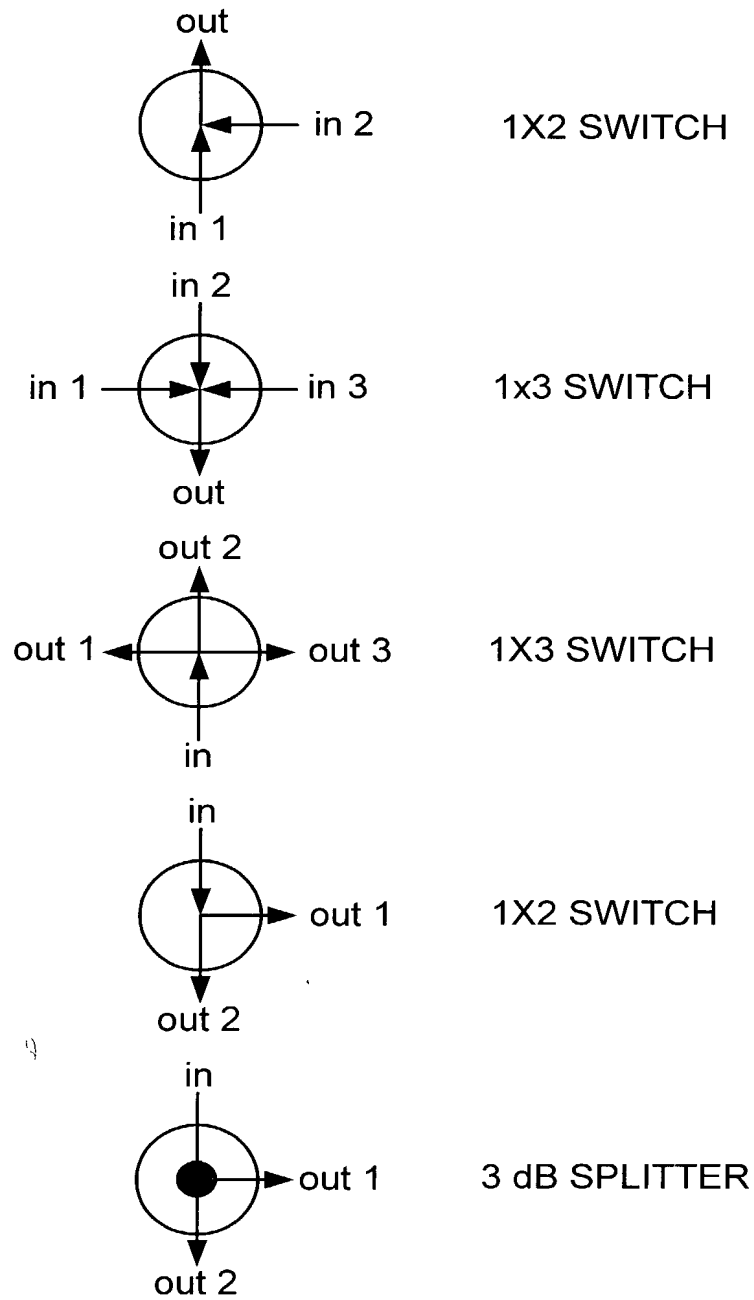
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FIG. 45.

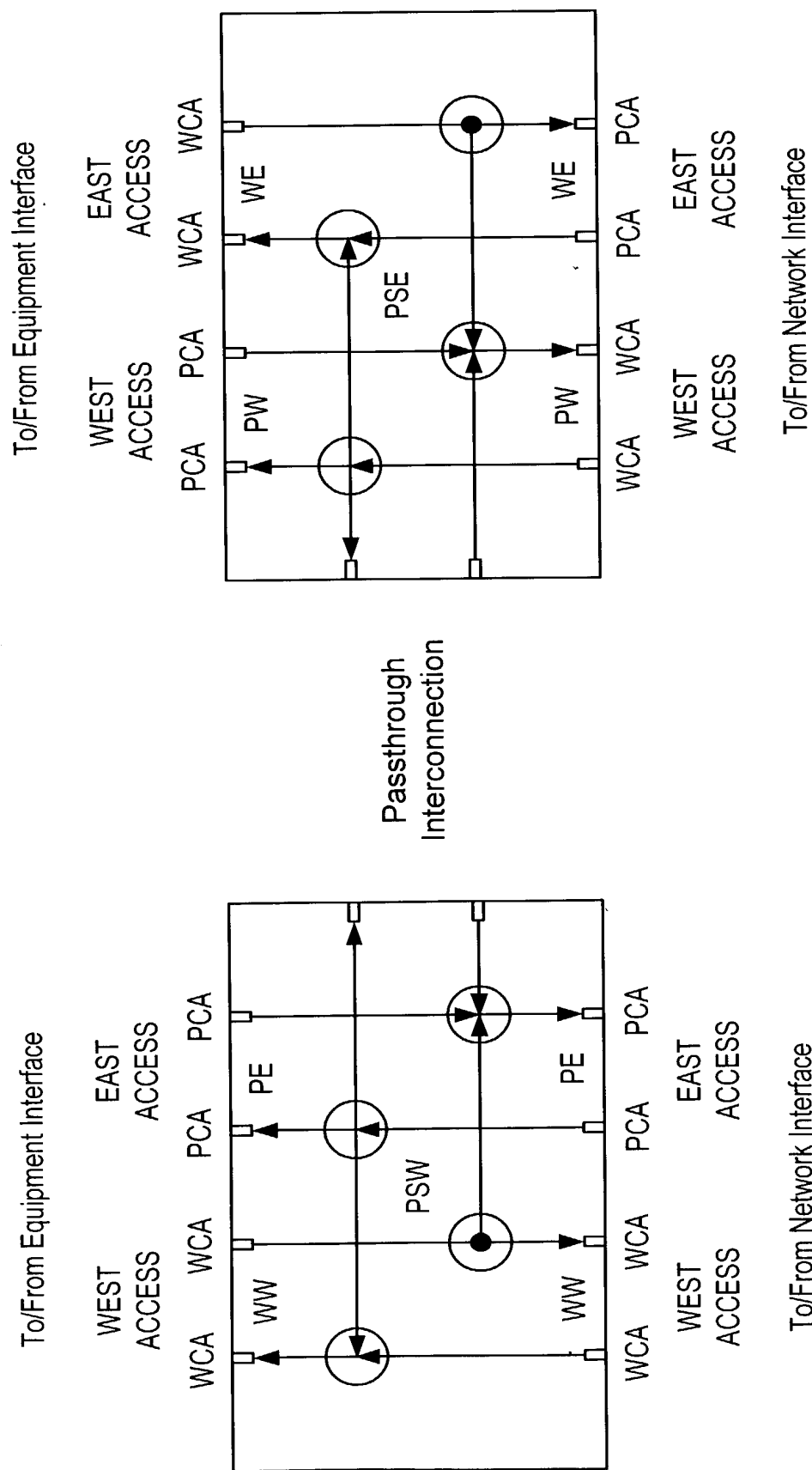
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Symbol



**FIG. 46.**



**FIG. 47.**

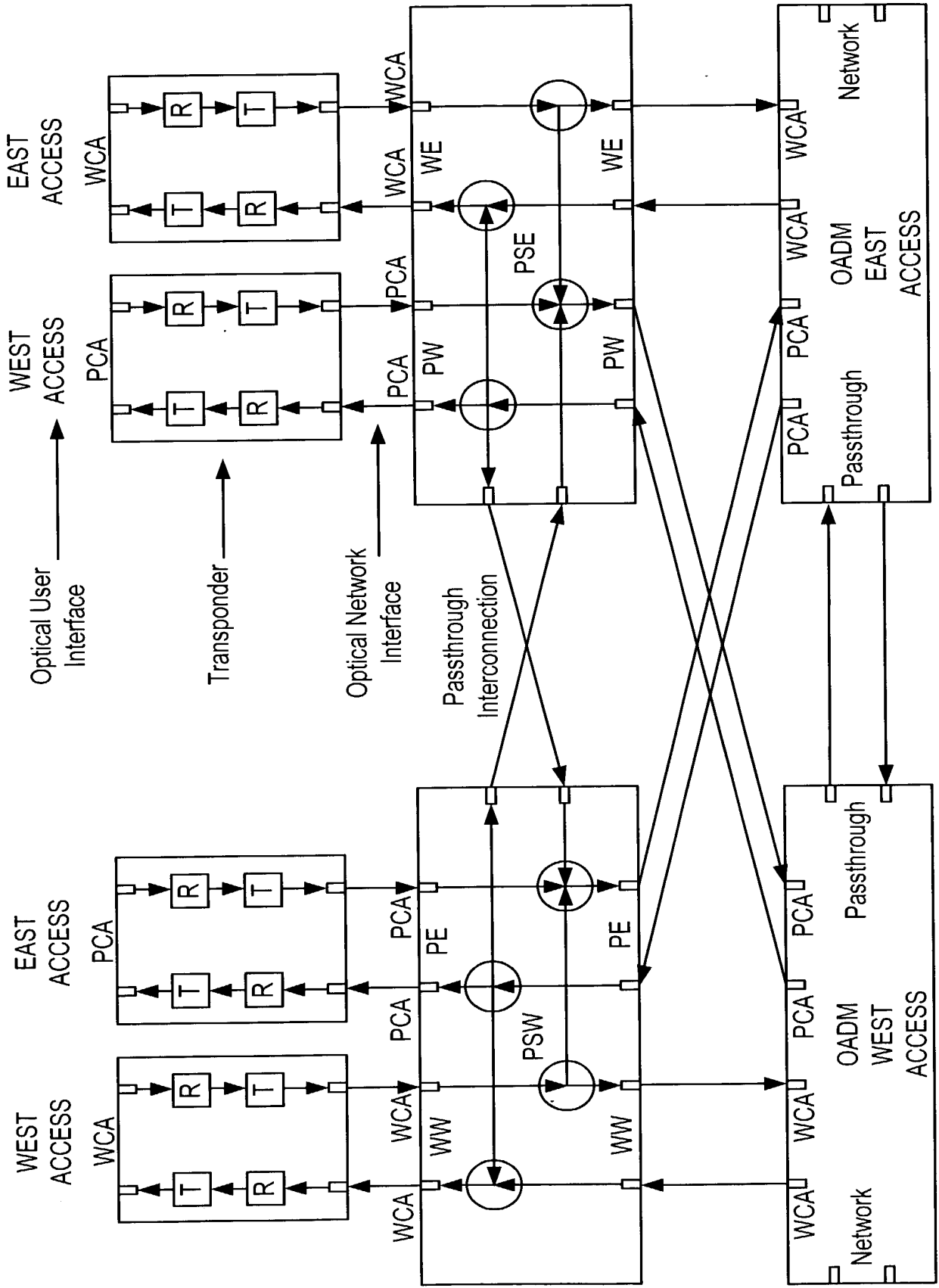


FIG. 48.

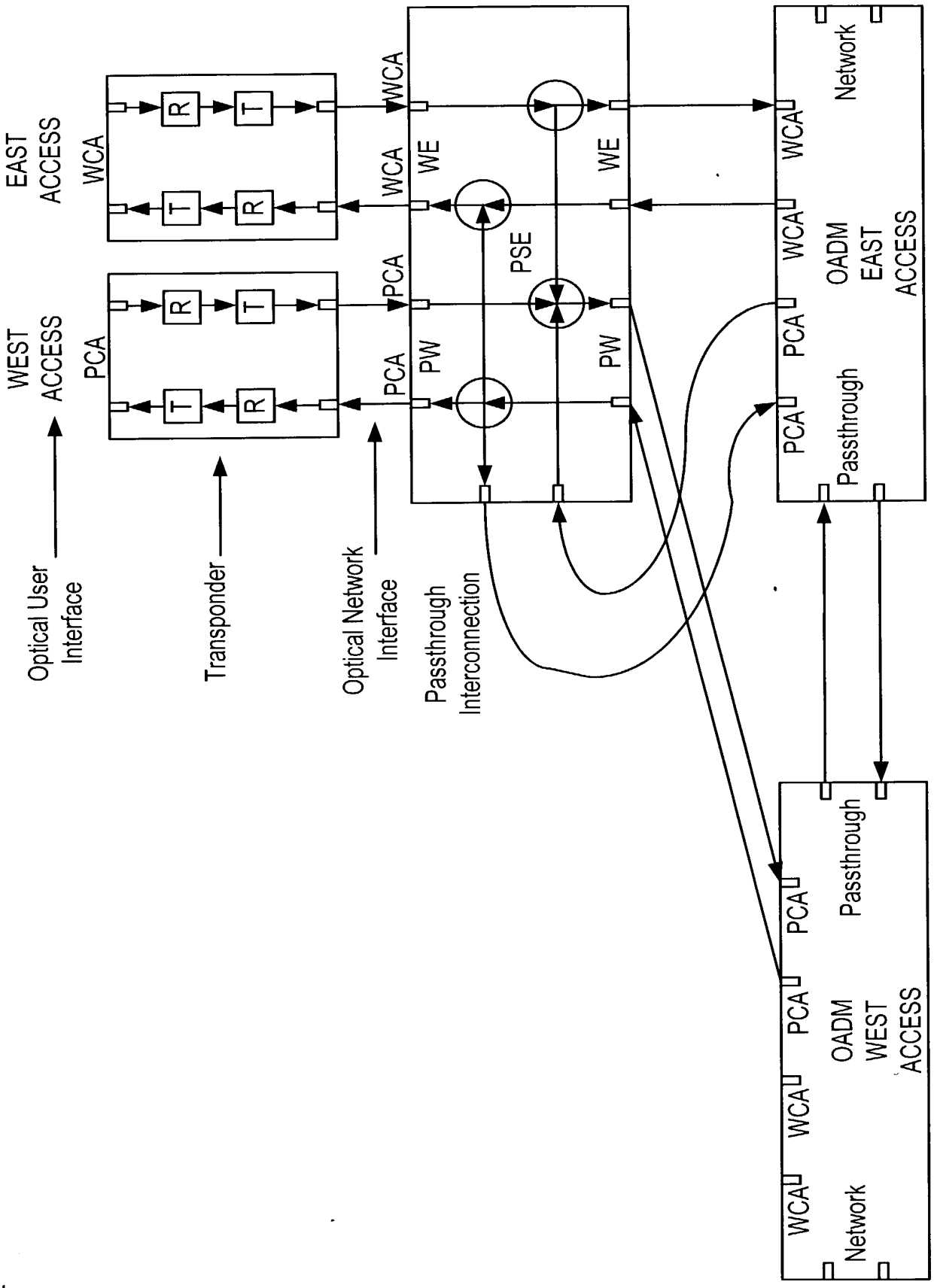
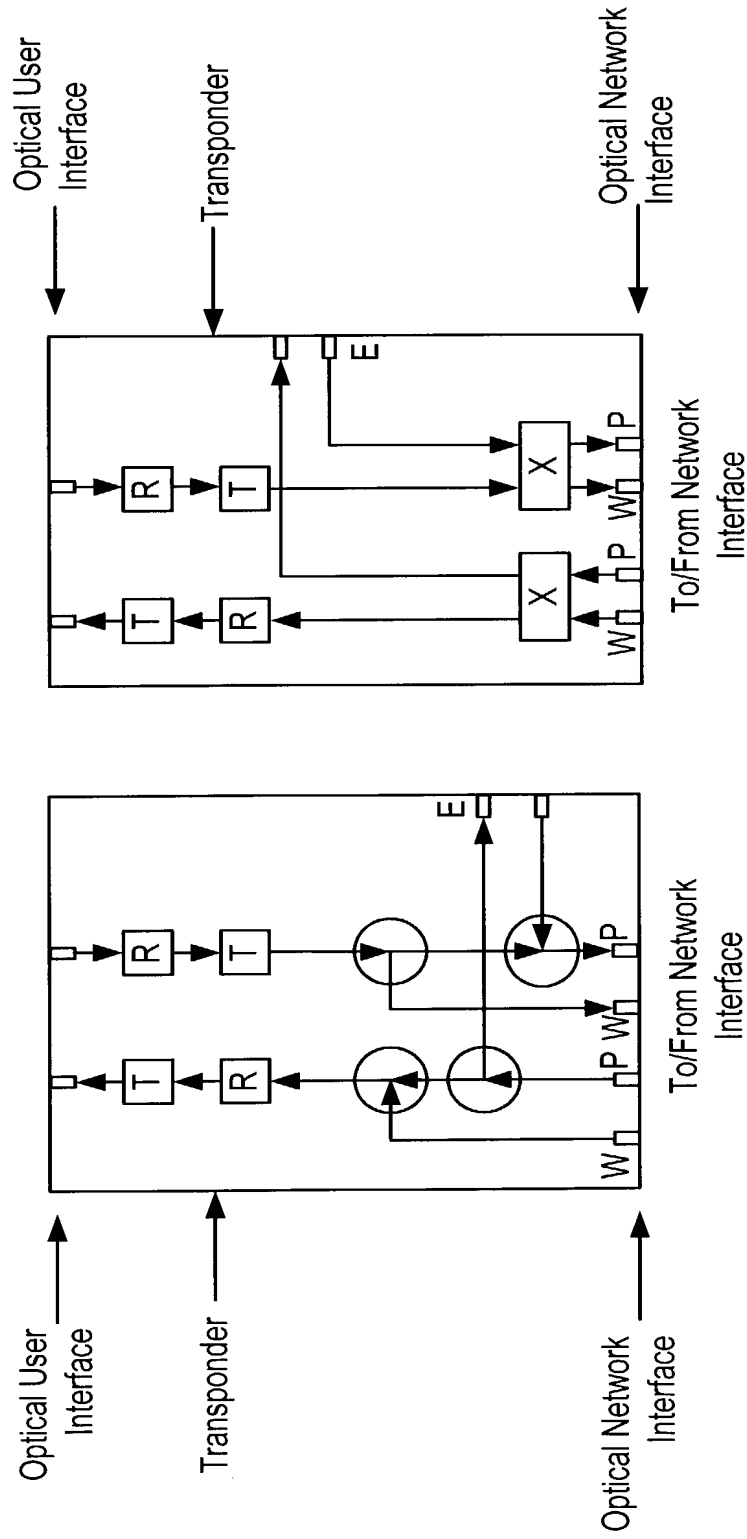


FIG. 49.



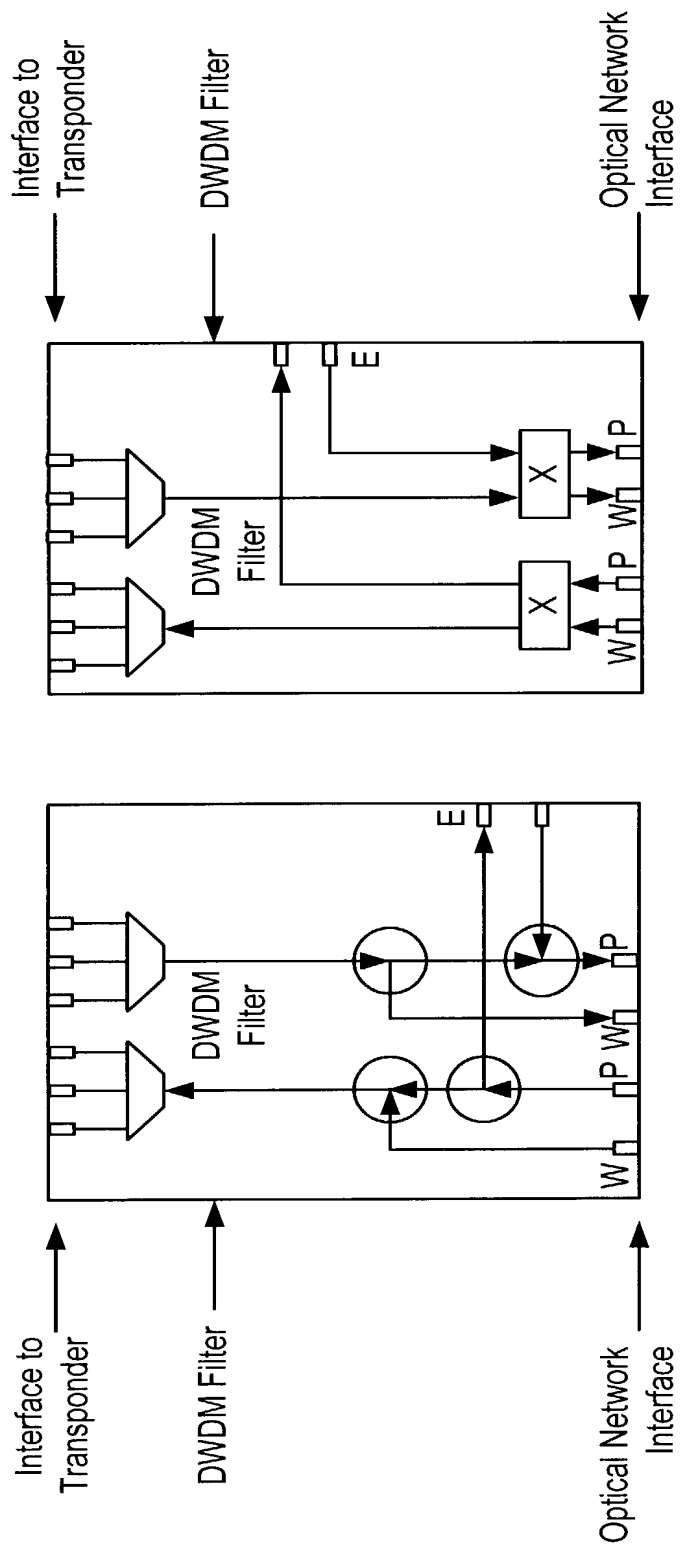


using 1x2 optical switch  
for opening the  
protection channel

using 2x2  
optical switch

FIG. 50.

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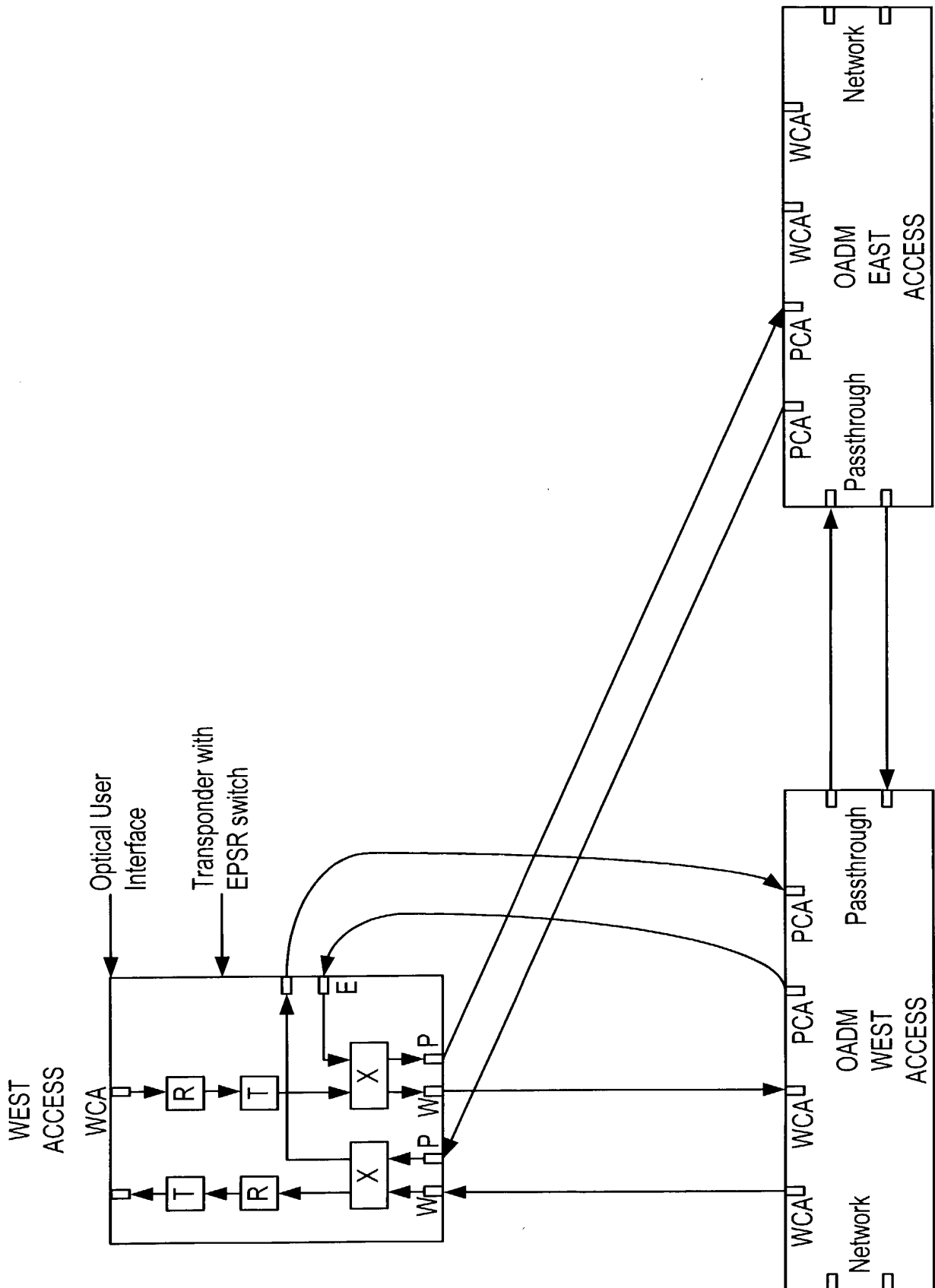


using 1x2 optical switch  
for opening the  
protection channel

using 2x2  
optical switch

**FIG. 51.**

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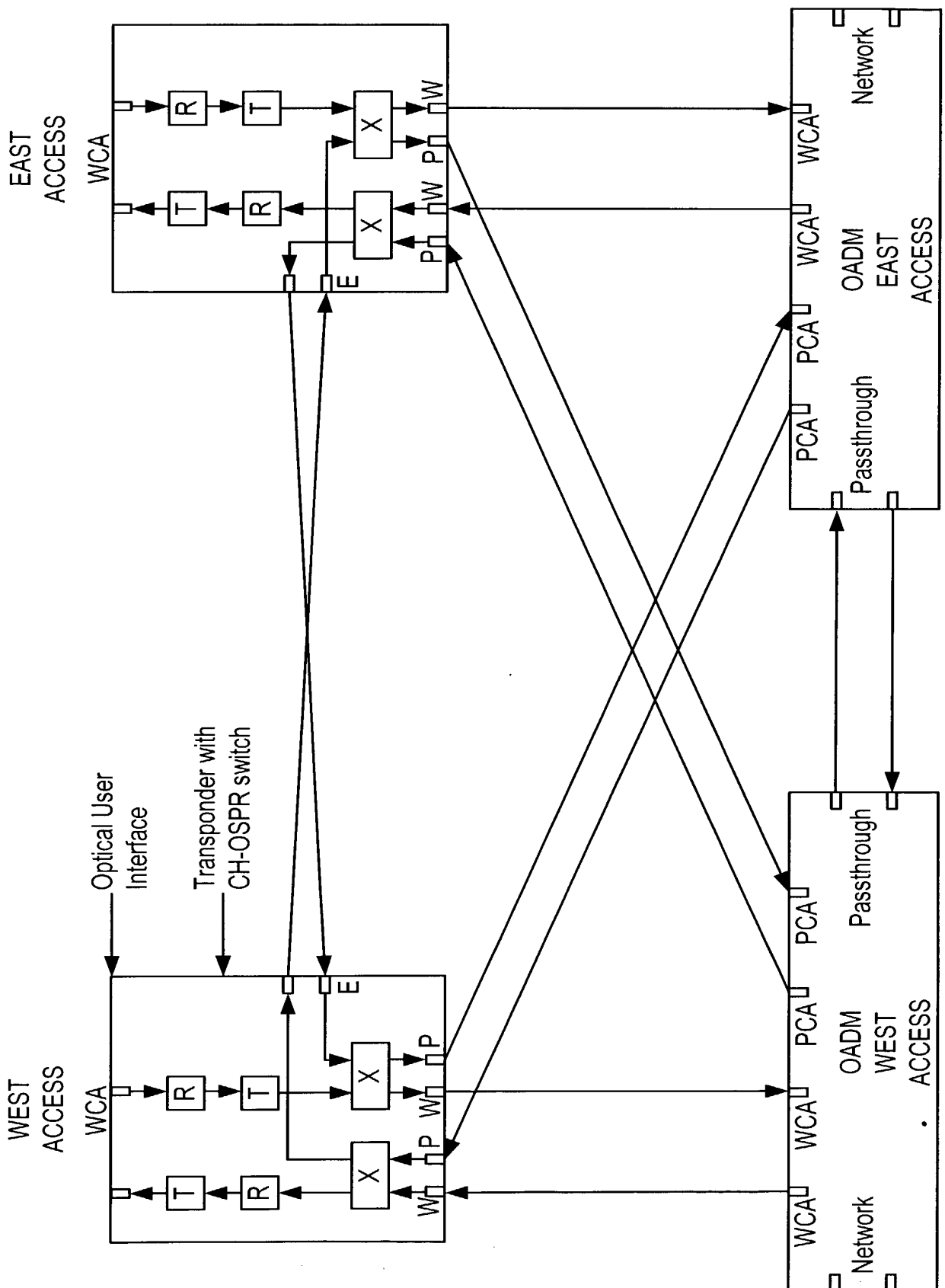


FIG. 53.

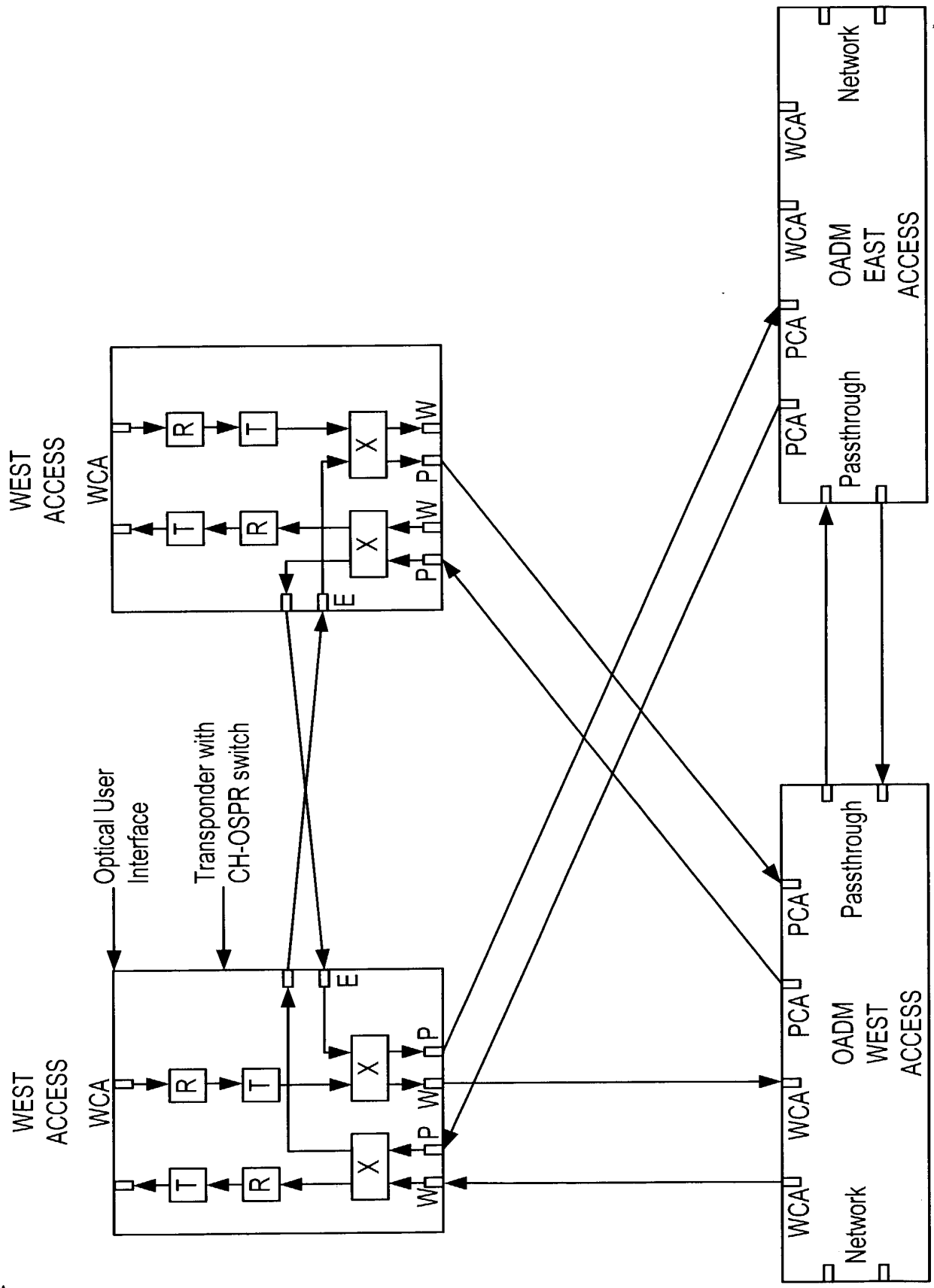


FIG. 54.

FIG. 55

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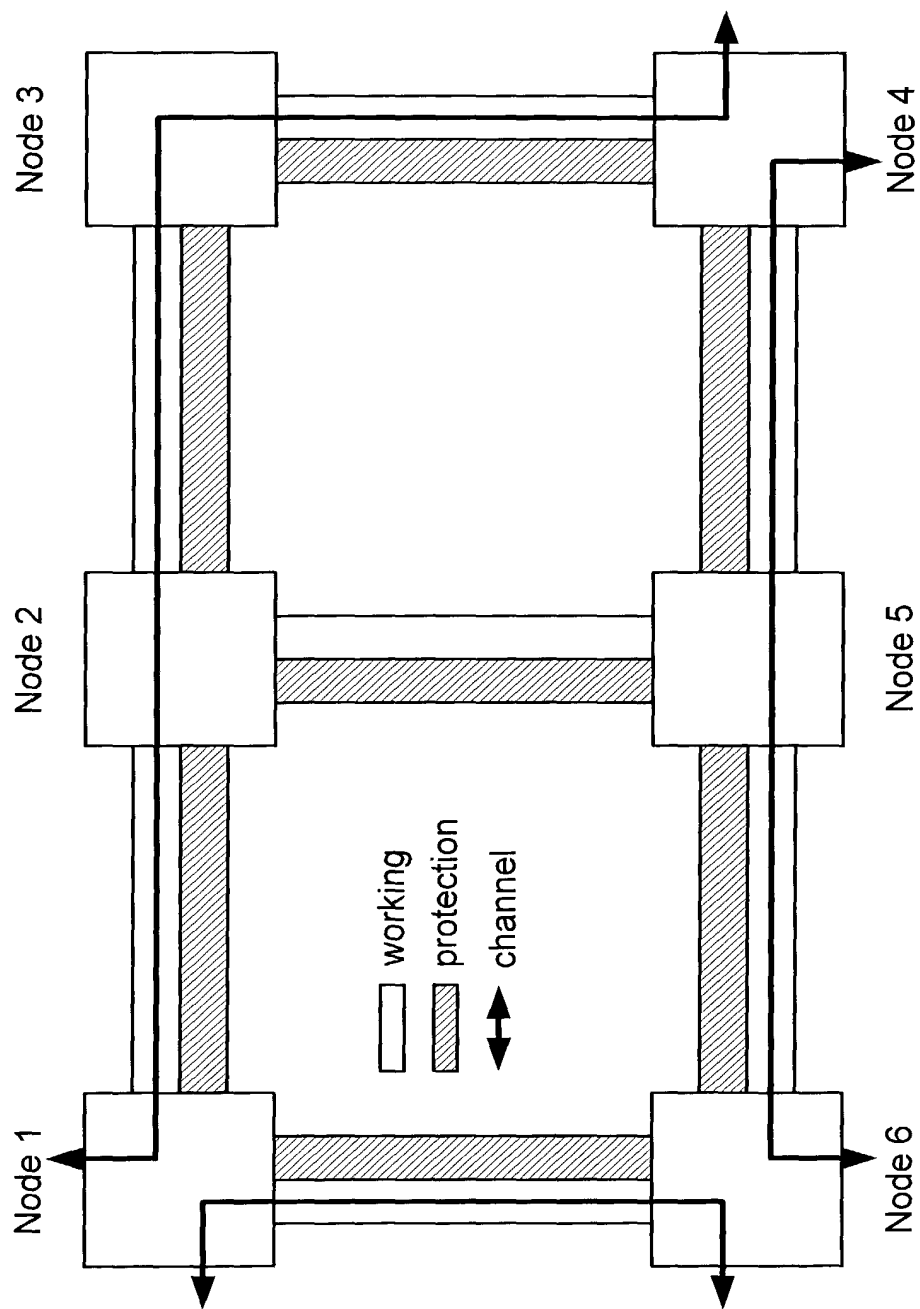


FIG. 55.

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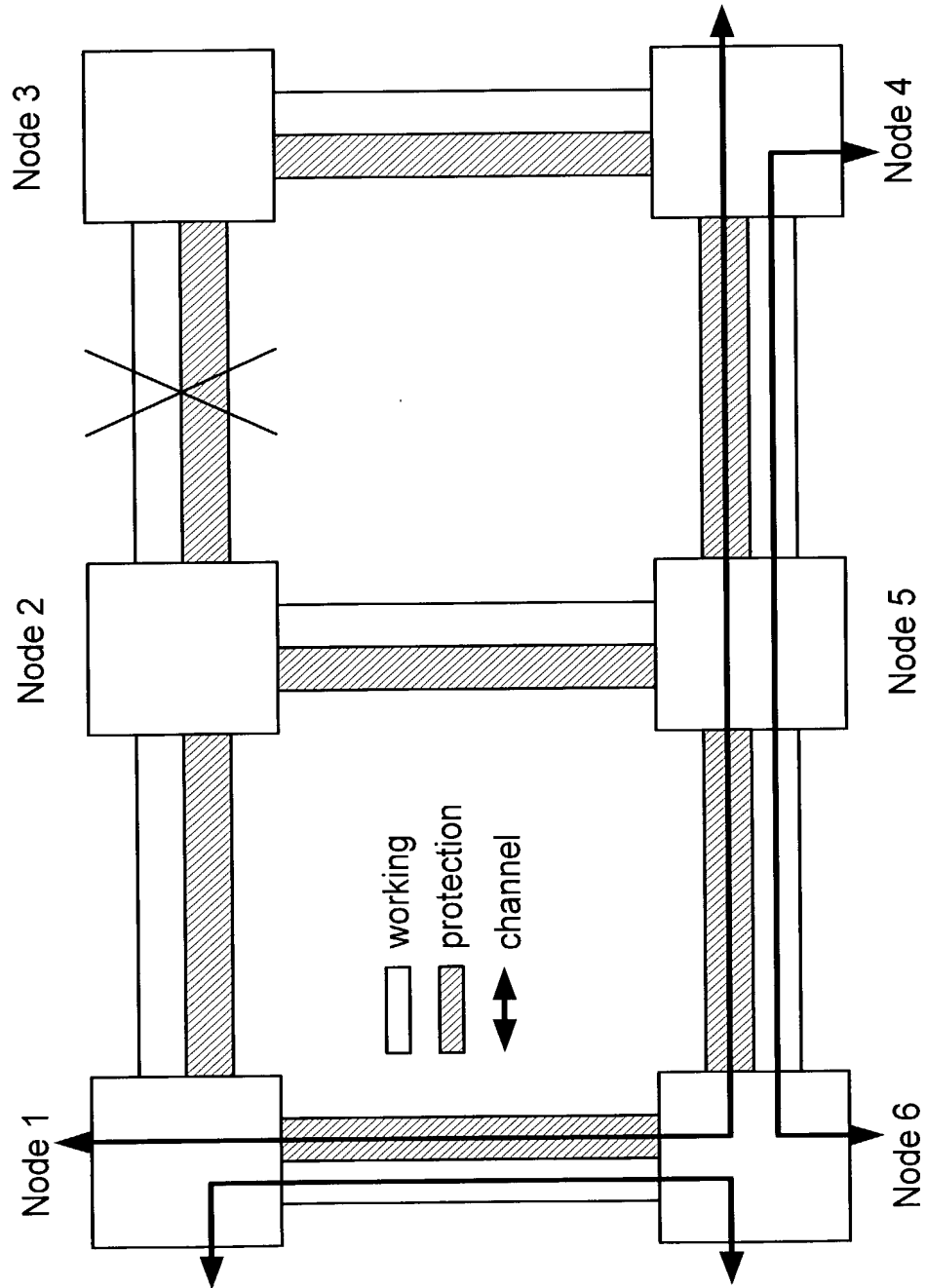


FIG. 56.

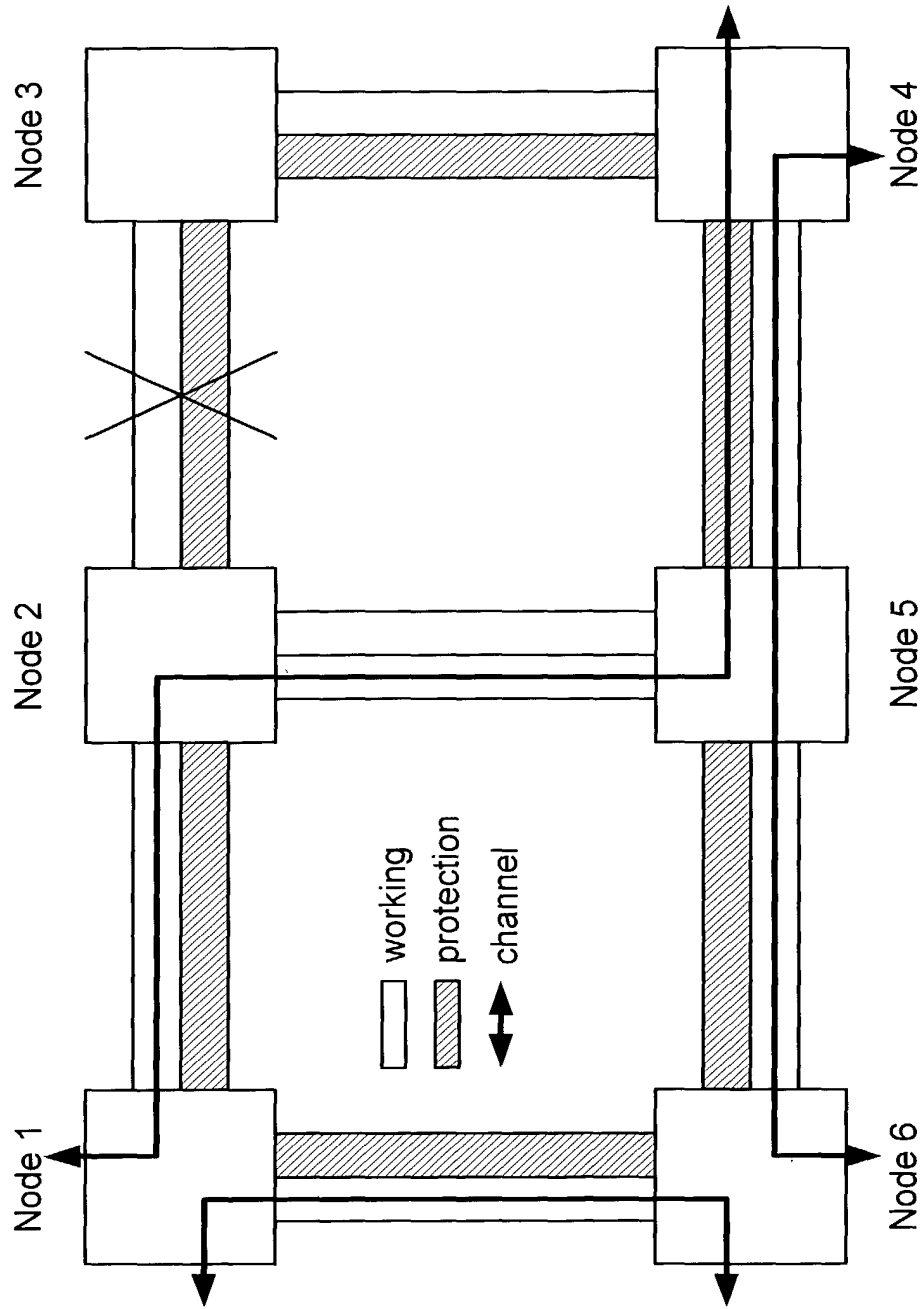


FIG. 57.